

tgtaatacct	gacagttctt	ctcttcagc	caggggtgcat	ctctcagaaac	ctactcaaca	300
cagactctcta	ggagagcact	atcaatcaat	tgaagtgtgac	actctgcatt	aratctattt	360
gccatttcaa	aaaaaaaaaa	aaaa				384

&lt;210&gt; 184

&lt;211&gt; 496

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(496)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 184

accgaattcg	gacccgtggc	ttataagcga	tcattgttyn	cctgtatcac	ctcaacgagc	60
agggagatcg	agctctatcg	ctgaagaaat	ttgaacccat	gggaacacag	acctgctcag	120
cccatctcgc	tgggtttctc	ccagatgaca	aatactctcg	acacagaatc	acctcaaga	180
aaagcttcaa	ggtgtctcag	aacccagcaac	cggagcctgt	ctctgagggg	ttccttaaac	240
tgaigtcttt	tctgcacact	gttacccttc	ggagactcgg	taacaaaact	cttcggactg	300
tgaagcctga	tgcctttttg	ccagccatcc	tctttggcat	ccagctcttc	gtggcgattg	360
attatgcttg	tgtgaggcaa	tcattggtgc	atcacccata	aagggagac	atttgccttt	420
tttttccat	abtttaaat	actacmagaw	tattwmagaw	aaaatgawtt	gaaaaaactt	480
taaaaaaaaa	aaaaaa					496

&lt;210&gt; 185

&lt;211&gt; 384

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 185

gctggtagcc	tatggcgkag	cccacggagg	ggctcctgag	gcacaggac	agtgacttcc	60
caagttatct	gagcagcgct	ttctacccgt	ctcaacttga	gactcttggg	agatctccct	120
aggaggacat	ggagctggcc	ctcatggagc	acagcaactg	ytcttgggag	cccggtctct	180
ggggacaccc	ttctggggcc	caggcgggca	ctctgctctc	ccagtatgac	aactggctgg	240
tgggtgctgc	ctctgtctac	ttctgtctcg	tggcccaact	ctgtgtgttc	aactgtctca	300
ttgcatgtt	cagttacaca	ttggcacaag	tacagggcaa	cagcatcttc	tactgggaag	360
gcgcagcgtt	accgctctat	cagg				384

&lt;210&gt; 186

&lt;211&gt; 577

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(577)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 186

gagttagctc	ctccacaacc	ttgatgaggt	cgctcgcagt	ggcctctcgc	ttcataccgc	60
ttccatcgct	atactgttag	tttgccacca	cgtccctggca	tctttggggc	gcttaaatatt	120
ccaggaaact	ctcaatcaag	tcacgctcga	tgaacactgt	gggtctgttc	tgctctccgc	180
tgggtgtgga	aggaatctcc	agaaggagtg	ctcgatcttc	ctcaactttt	gagtgacttt	240
atggagtcga	ttctgcatgt	ccagcaggag	gttgtaccag	ctctctgaca	gtgaggtcac	300
cagccctatc	atgcgcttga	mogtgcogaa	gacacccag	cctctgttgg	gggkgaagt	360
ctcaccnaga	ttctgcatta	ccagagagcc	gtggcaaaag	acattgacaa	actgcgccag	420
gtggaaaaag	amcactctct	ggagtgtctn	gtgcctcttc	gtcgtgtgtg	ggcagcgctw	480

```

tccttttgac acacaaaacaa gttaaaggca ttttcagccc ccagaaantt gtcataccc 540
aagatnrcgc acagacactna tccagttggg attaaat 577

```

```

<210> 187
<211> 534
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G

```

```

<400> 187
aacatcttcc tgtataatgc tgtgtaatat cgaaccgacn ttgtotggtg agaattcatw 60
actkggaaaa gmaacattaa agcctgggac cttgtattaa aaitcacaat atgcacacat 120
ttanaacagt tgtcaatctg ctcccyymac tttgtatcaa ccaagtctggg aakaagggtta 180
tgccctattc acacctgtta aagggggcgt sagcattttt gatcaaacat ctcttttttt 240
gacacaaagt cgaaaaaagc aaagttaaac agttatyaat ttgttagcca attcaatttc 300
ttcatgggac agagccatgt gatttaaaaa gcaaatcgca taatattgag ctttygggagc 360
tgatatttga ggggaagagt agccttctta ctccaccaga ccaaatccc ttccatattg 420
ggctgttnac naagttwatg tctctwacag atgggatgct ttgtgtggca ttctgtttgt 480
aggatctccc agtttattta ccacttgac aagaaggcgt tttcttctcc aggc 534

```

```

<210> 188
<211> 761
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

```

```

<400> 188
agaaacaggt atctctnaaa acaacccctc ataccttctg gacctaattt ttgtgtgctg 60
tgtgtgtgct cgcataattt atagacaggc acatcttttt tacttttcta aaagcttatg 120
ccctctttgt atctatatct gtaaaagtgt taatgatctg ccaataatgc ttggggacac 180
ttgtctctgt tgaataatgt actagagaaa acacccatnt tatgagtcac ttatgttngt 240
tttattcgac atgaaggaaa ttccagatn acaaacactna caaacctctc ctkgackarg 300
ggggacaaag aaaaagcaaaa ctgacacata raacacatwa cctggctgga atttgcataa 360
acagaaatwr ggtagtatat tgaamnacag catcactaaa rmyttwtkt ttctctccct 420
gcaaaaaaaa tgtacngact tcccyttgag taatgccaaag ttgttttttt tatnataaaa 480
cttgcccttc attacatgtt tnaaagtgtt gtggtgggac aaatatctg aatgatggaa 540
ctgactgaca aagatgtaca aataagaggt gtgccttaaca agcaacacag taatgttgcg 600
atgtctaatc cacaacagct aatttcatta taattgtttt ctaaaataca ctttgaacta 660
ttttttgrrn ttcccagagc tgaagatnta gattttatgt agtatnaagt gaaaaaatc 720
gaaataataa acattgaaga aaananaaaa aaananaaaa a 761

```

```

<210> 189
<211> 482
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(482)
<223> n = A,T,C or G

```

```

<400> 189
tttttttttt ttgtccgata ctactatctt atgcagagaa gtgggggtgt atgcacogca    60
cacccgggctg atnagaagca agaaggaagg agggagggca cagccctctg ctgagcaaca    120
aagccgcctcg ctgcctctct tgtctgtctc ctggctcagg cacatggggg gacctctccc    180
aaggcaggggg caaccagctcc aggggtgsga atacaggggg tgggaagtgtg gcataaagaag    240
tgataggccac agggccacnng gtacagaccc ctgggctcct gacagggtngg tttagaaccag    300
gtcatctgtgc cttgccccag caacagcgtan atctgggaaaa gacagaatgc ttctcttttc    360
aaattctgctc ngtcatnaga tggggcatttt tccaaantng gctnaggctctt ggtacncttg    420
gttgggcccc gctcnongtc caaaaantat tcacccnnet cnaaattgtct tcnnggnacc    480
cc

```

<210> 190

<211> 471

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

<222> (1)...(471)

<223> n = A,T,C or G

```

<400> 190
tttttttttt tttaaaaaa gtttttccca acaaaattta ttagaagaa agtgggtttt    60
aaaaactctcg catccagtgga gaactacccat acacccacatt acagctingga atgtncctca    120
aatgtctggt caaatgatac aatggaaaca ttcaacttta cacatgcacg aaagascacag    180
cgctttttgac atacaatgca caaaaaaaaa agggggggggg gaccacatgg attaaaattt    240
taagtactcca tcaatatacat taagacacag ttctagtcca gtcaaaatc agaactctct    300
tgaaaaaattt caigtatgca atccacccaa agaacttcat tgggtgatcat gantctctta    360
ccacatcnac ctgtatcatt gccaggaacn aaaagttnaa anacnctngt acaaaaanaa    420
tctgtaatin aattcaacct ccgtacnaga aaattttttt tatcaactcc c

```

<210> 191

<211> 402

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

<222> (1)...(402)

<223> n = A,T,C or G

```

<400> 191
gaggagattga aggtctgttc tadtgtcggm ctgttcagcc acaaaactcta acaagttgt    60
gtctctcaat cactgtctgt aagcttttta acccagacwg tatcttata aatagaacca    120
attcttcacc agtcacatct tctaggacct ttttggatlc agttagtata agctcttcca    180
cttctctttg taagacttca tctggttaaa tottcaagtt tgtagaagg aattyaattg    240
ctcgtctctc aacatgtcc tctctctgaa gtattttggt gacacaccca cctaaagttc    300
cttctgcatc ccattttaaa tatacttaat agggcatttg tncactagtt taaattctgc    360
aagagtcacg tgtctgcaaa agttgogtta gtatctctgc ca

```

<210> 192

<211> 601

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

&lt;222&gt; (1) ... (501)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 192

gagctcgggat	ccaataatct	ttgtctgagg	gcagcacaca	taicnagatgc	catggnaact	60
ggctctacccc	acstgggagc	agcatgcctg	agctatataa	ggctattccc	tgggtcagac	120
atgcytyttt	gaytaacgtg	tgccaagtgc	tggtgattct	yaacacacyt	ccatcccygt	180
ctctctgtga	aaaactggca	cttctctgga	actagacaga	catcacttac	aaattccacc	240
acgagacact	tgaagaggtg	aaacaagcga	ytcttgcatt	gctttttgtc	cctccgggac	300
cagttgtcaa	tactaacccg	ctgggttggc	tccatccact	ttgtgatctg	tagctctgga	360
tactctctct	gacagtactg	agaactctct	tcttttgttt	caaaagacac	tcttgggtgc	420
ctgttgatca	gggtcccaat	tcccggtcgc	aatgttcaac	tggcatattt	wacttccacc	480
aaacattgc	gatttgaggc	tcagcaacag	caaatctctg	tccggcattg	gctgcgaagag	540
cctcgatgta	gcgggcccgc	gccaaaggcag	gcgcctgtgag	cccacaccgc	agcagaagca	600
g						601

&lt;210&gt; 193

&lt;211&gt; 608

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (608)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 193

acacagccca	natcccccac	cgaagatgcg	ctgttgact	gagaacctga	tgcggtcaact	60
ggtcccgctg	tagccccagc	gactctccac	ctgctggagc	cgttgatgc	tgcactcytt	120
cccacgcgag	gcagmagcgc	gscgggtcaa	tgaactccay	tgttggtgtg	gggtkagcgg	180
tlawgtgnag	gaagggctg	accactctgc	ggctccccag	gatgccagac	tgtcgggac	240
ctgcagcgaa	actctctcga	ggtctatgag	gggaagcgaa	tgaggccagc	ggcctgtgcc	300
agaaccttcc	gctgttcttc	tggcgtccac	tgnagctgct	gcgcgtgaca	ctgggctctg	360
gaccagcgga	caaacgggct	tgaacagcgc	ccactcaagg	atgccagtg	tgtccggctc	420
caggammagc	accagcgtg	ccaggtcaat	gtcggtgaag	ccctccggcg	gtatggcgct	480
ctgcagctgt	ttgtctgagc	ttctccagcg	acaggtctgc	cagctcggtg	ctatcgaaag	540
gtcgcgcctg	cgtgagcagc	atgaaggcgt	tgtcggtctg	cagttctctt	tcaggaaactc	600
cacgcaat						608

&lt;210&gt; 194

&lt;211&gt; 392

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (392)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 194

gaa-cggctgg	acctgtccct	gcatttgtct	tgtctggcgg	gaataacctg	gcaagcagyt	60
ccagtcctgag	cagccccaga	ccgctgcgcg	ccgaagctaa	ggctgcctct	ggccttcccc	120
tccgctccaa	tgcagaacca	gtagtgggag	cactgtgttt	agagttaaga	gtgaacctgt	180
tttgatttta	cttgggaaat	tccctctgta	tatagctttt	cccaatgcta	atttccaaac	240
aacacacaca	aaataacacg	tttgcctgtc	aaagtgtata	aaagttagtg	atttcgratt	300
taaaagaaa	attactgtta	catatactgc	ttgcatttcc	tgtatttatt	gktnctctgg	360
aaataaatat	agttattaaa	gggtgtcant	cc			392

<210> 195  
 <211> 502  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(502)  
 <223> n = A,T,C or G

<400> 195  
 ccttttgagg ggtkagggkyc cagtttycga gtggaagaaa caggccaggga gaagtgcgtg 60  
 cggagctgag gcagatgthc cccagtgac cccagagccc stgggtatata gtycttgacc 120  
 cctcnaagg aaagaccacs kktctggggc atgggctgga gggcaggacc tagaggcacc 180  
 aaggggaagg cccattccgg ggtgttccc cgaggaggaa ggggaagggc tctgtgtgcc 240  
 ccccasgagg aagaygccct gagtctctgg stcagaccc ccttcacgtg tatcccaca 300  
 caaatycaa ctcaccaagg tccctctca gtccctctcc ctacacccct amcgccact 360  
 gscacaccc caccacagag ccgccacccc ccatggggar tgtgtctcag gartctgngg 420  
 gcacgttggg catctngtcc cagaaggggg cagaatctcc aatagangga ctgarcmatt 480  
 gctnanaaaa aaaaaaaa aa 502

<210> 196  
 <211> 665  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(665)  
 <223> n = A,T,C or G

<400> 196  
 ggtactctgg tttcaltgce accacttagt ggatgtcatt tagaaccatt ttgtctgtct 60  
 cctctgggaag ccttgccgag agcggacttt gtaattgttg gagaataact gctgaatttt 120  
 wagctgtttk gagtgtgatts gcaccactgc acccacaact tccatattgaa aacyawttga 180  
 actwatttat tatcttgtga aaagtataac aatganaatt ttgttcalac tghattkacc 240  
 aagtatgatg aaagcaawa gatataatt cttttattat gttaaaattat gattgccatt 300  
 attaatcggc aaaaatgtga ggtatgttc ttttcacagt aatatatgcc ttttgttaact 360  
 tcaatttggt attttattgt aatgattta caaaattctt aatttaagar aatggtatgt 420  
 watatttttt tcatattttt ctttctctgt ttacttwaat ttggaanaaga wtgaatgatt 480  
 tcttgacaga aatgatcttt gatgctgttg agtagtcttg accccatccc ctatgagitt 540  
 ttcttagaat gtataaaggt tgragcccat cnaacttcaa agaaaaaaat gaccacatac 600  
 tttgcaatca ggtctgaattg tggcatgctn ttctaartcc aactttataa actagcaaan 660  
 aagtg 665

<210> 197  
 <211> 492  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(492)  
 <223> n = A,T,C or G

<400> 197  
 ttttttttt tttttttttt aggaaggact ccaattattt tggatgcatt ttccaaatat 60  
 atgtttattt gaggatcca ttatcagtga aaagtatcaa ggtttataa nattttttgg 120

```

aagtcagatt cacagacat gctgctgctg ttgcagtttt accctgtana gatnacagag 180
aatttatgct naaccagtaa acnaggaatt tactttttcaa sagattaat ccaactctga 240
caaaattcta ccttgaaact tactccatcc aatatattgga ataanagtca gcagtgatag 300
attctctctt gaactttaga tttctagaa aatatgttaa tagtgatnag gaagagctct 360
tggtcaaaag tacaaacnaag caatgttccc ttaccatagg ccttaattca aactttgatc 420
catttcactc ccatcaaggg agtcaatgct accctgggaca cttgtatttt gttcatnctg 480
ancntggctt aa 492

```

&lt;210&gt; 198

&lt;211&gt; 478

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; {1}...{478}

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 198

```

tttttttgn atttcactct gtannaanta ttttcattat gtttattana aaaatatnaa 60
tgtntccacn acaaatcath ttactnaagt aagaggccan ctacattgta caacatacac 120
tgagtataat ttgaaaagga caagtttaaa gtanaacat attgccganc atancaaatt 180
tatacatggc tggattgata ttttagcacag canaaactga gtgagttacc agaaanaaat 240
natatattgc aatcngattt aagatacaaa acagatccta tggatcatan catcntgtag 300
gggttgltgc ttlatgttta ctgaaaagta atgcagttcc tgtacaaaga galggccgta 360
agcattccag taccctatct caatgggtta gaactgtaca ctatgttta catatgtaca 420
gggttaagaat tgtgttaagt naanttatgg agaggtccan gagaanaaat tgaatcaa 478

```

&lt;210&gt; 199

&lt;211&gt; 482

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; {1}...{482}

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 199

```

agtgcattgt cctccaacaa aacccttga tcaagtttgt ggccctgaca atcagacctt 60
tgctagtctc tgcctactat tgcctactaa atgcagactg gagggggacca aaaaggggca 120
tcaaccacag ctggattatt ttggagcctg caaatctatt cctacttgta cggactttga 180
agtgattctg tttctctaac ggaatgagga ctggctcaag aatatctcca tgcagcttta 240
tgaagctnac tctgacacag ctggttatct nagatgagaa ncsagaaat aaagtcnaga 300
aaatttacct ggaagaaaag agccttting crgggggacca tcccatgaa ccttctctta 360
anggaactta agaaanaact acccaatgin tctngtatcc tgytgcchng ccgtttantg 420
aacntngacn ncaaccttat ggaatanant ctgacnngcn tccctgaact gctcctctgc 480
ga 492

```

&lt;210&gt; 200

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; {1}...{270}

&lt;223&gt; n = A,T,C or G

```

<400> 200
cggcgcgaag tgcacatcca gctggggccg tggggacgaa gattctgcca ggaattgggc 60
cgactcgagc gacggcgccg ggcacagtcg caggtgcacg gggggcgctt ggggtcttgc 120
aaggctgagc tgacgcgcga gaggctcgtgt cactctccac gaccttgacg ccgtcggggg 180
cagccggaac agagcccgct gaagccggga ggctctgggg agcccttcgg gaaggcgagg 240
ccgagagata cgcaggtcga ggtggccgcc

<210> 201
<211> 419
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(419)
<223> n = A,T,C or G

<400> 201
cttttttttt tttttgaatc tactgcgagc acagcaggtc agcaacwagt thattttgca 60
gctagcagag taacagggtt gggcatggtt ccatgttcag gtcaacttcc ttgtctgtgg 120
ttgatctggt cgtcttttat gggggggggg ggggttaggg aaanccgaagc anaantaaca 180
tggagtgggtt gcaacccccc tgtagaacct gggtacnaaa gcttgggggca gttcacctgg 240
ttctgacacg tcaatttttt gacatcaaat ttattagaag ttaggatatac ttctagagag 300
tccactgntt ctggaggggg attagggttt cttagcaana tccaaacaaa atccactga 360
aaaagtggg tgaatcangt acggaatacc gaggccatan ttctcatant cgttgggcca 419

<210> 202
<211> 509
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(509)
<223> n = A,T,C or G

<400> 202
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60
tggcacttaa tccattttta ttccaaaatg tctacaaant ttnaatnncr cattatacng 120
gttatcttnc aaatctctaa nnttatctaa stntnagcca aantctctac ncaaatnnna 180
tccncccaaa aatcaaaat atacnttctt ttacgcaaac ttngttatct aaettataaaa 240
aatatacag gctggtgttt tcaaatgaca attatcttaa cactgcacaa attttttnnaa 300
ggaaactaaaa taataaaaaa cactnccgca aaggtttaaag ggaacacaaa attcttetta 360
caacacnncn nattataaaa atcatacttc aaatcttagg ggaatatata tticacacng 420
ggtctctaac ctctactncc ctttgtttat tttttctaaa ccttctgntt gggcccaaca 480
caatggnaat nccnccnnc tggactagt 509

<210> 203
<211> 583
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

```

<400> 203  
 tttttttttt ttttttttga cccccctctt ataaaaaaac agttacccatt ttatttttaact 60  
 taacacatatt ttttttataa ttggtatttag atattcaaaa ggcagctttct aaaaatcaaac 120  
 taatgggaac ttgctctaga tacataatct ttaggaaata gcttaaaatc ugcttaaatg 180  
 gaaaaatttc tttagctctt ttgactgtaa atttttgact ctgttaaaac atccaaatct 240  
 attttctctg tcttttaaat tatctaattct ttcatttttt tccctatttcc aagtcatttt 300  
 gcttctctag cctcatttcc tagctcttat ctactattag taagtgggct ttctctataa 360  
 agggaaaaaa ggaagagana atgggaacaa aaaaacacat ttatatctta tttttctaac 420  
 taagttaata aatatagcatt ttgtgaagac agctcaaaag aaggctttaga tctttttatg 480  
 tccatttttag tccaaaaag atatcnaaag tgcacagaatg caaaaggctt gtgaacattt 540  
 attcaaaagc taataataga tttttcacat actcattctt ctg 582

<210> 204

<211> 589

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 204  
 tttttttttt tttttttt tttttttctt ttcttttttt ttganaatga ggatcgagtt 60  
 ttctctcttc tagatagggc atgaagaaaa ctctctcttc cagcttttaa ataacatga 120  
 aatctcrrat gctatacat atcttaagct aaactaatga gtcactggct tatctctccc 180  
 tgaaggaaat ctgttctatc ttctctatca tatagttata tcaagtacta ccttgcacat 240  
 tgaagagttt ttctctctca ttacacata tttttccatg tgaattttga tcaaaccttt 300  
 attttctgc aaactagaaa ataattgttt cttttgcata agagaagaga aaaaatnag 360  
 ccttcaaaaa ctgctcaaat tgtttgttaa gtttctccat taataattag tnggcaggag 420  
 ctaatacaaa tcaactttac ngacnaagaa taataaaact gaagtacag taataatcc 480  
 aaaaataatta aaggacacat tttagccttg gtataattag ctaattccat ttacaaagat 540  
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<210> 205

<211> 545

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

<222> (1)...(545)

<223> n = A,T,C or G

<400> 205  
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 agaaaagtcg cttaacttta ataaaagttt gtttctcaaa gtgactcagay gaattagata 120  
 tngtcttgaa caccacattt aattttgagga aaataacaca aataacatta agtaaatatt 180  
 ttaagatcat agagcttgta agtgaaaaga taataattga cctcagaaac tctgagcatt 240  
 aaaaatccac tattagcaaa taattacta ttgaattctt gotttaattt tgttgatgat 300  
 aaggggtgac actggtaaac caaacattc tgaaggatac attacttagt gatagattct 360  
 tatgtacttt gctanattac ttggatatga gttagaaagt ttctctttct taactcttt 420  
 aaggggtcga ngaaatgagg aagaaaagaa aaggattacg catactgttc ttctatnng 480  
 aaggtttaga tatgtttctt ttgccaatat taaaaaata ataattttta ctactagtga 540  
 aaccc 545

<210> 206

<211> 487



&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(487)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 206

tttttttttt	ttttttagtc	aagttttctna	tttttattat	aattaaagtc	ttggctcattc	60
catttattag	ctctgcaant	tacatattta	aattaaagaa	acgtttntag	acaactgtgna	120
caattataaa	atgtaagggtg	oattatttga	gtanatatat	tectcoaaag	gtggatgtgt	180
cccttctccc	aracaactaat	gaancagcaa	catkagtita	attttattag	tagatnatac	240
actgtctcaa	acgtcaattc	ttttctccat	ccccatgtn	atattgtgta	tatgtgtgag	300
ttggttagaaa	tgcatacanca	atctnacaat	caacagcaag	atgaagctag	gcnttgggctt	360
tcggtgaaaa	tgaactgtgt	ctgtctgaat	caaatgatct	gaactatcct	oggtggcaag	420
aactcttcga	aaocgttccc	caaaggcngc	tgcacatktk	gtggentctn	ttgcacttgt	480
ttowaaa						487

&lt;210&gt; 207

&lt;211&gt; 332

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(332)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 207

tgaattggct	aaaaaactgc	atttttamaa	ctagvaactc	ttattttctc	cccttaaaaa	60
tacatagcat	taaatcccra	atctctattta	aagaactgac	agcttgagag	ggctcaactact	120
gcatttatag	gaccttcttgg	tggttctgct	gttacttttg	aanctcgaca	atcccttgana	180
atctttgcat	gcagaggagg	taaaaggcat	tggattttca	cagagggaana	acacagctga	240
gaaatgaagg	ggccaggctt	actgagcttg	tcactgtgag	ggctcatggy	tgggacatgg	300
aaaagaaggg	agcctaggcc	ctggggagcc	ca			332

&lt;210&gt; 208

&lt;211&gt; 524

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(524)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 208

agggcgtggg	gcggagggcg	ttactgtttt	gtctcagtas	caataaatac	aaasagactg	60
gtttgtttcc	ggcccctccc	aaacacagag	ttgatttttc	tgtgtgtgag	agtgactgat	120
tttaaaagga	atgagacttg	tcacaatgct	acaaatgtac	agtgctgaag	gcacactcac	180
tcctcggtga	ttccacttta	gcacacacaa	atagctccatg	agtcacatac	tgttaataact	240
tttggcagaa	tactttttga	aacttgcaga	tgataactaa	gatccaaagt	atttcccaas	300
gttaaatagaa	gtgggttcata	atatttaatta	ccgtgttcaca	tcagcttcca	tttacaagtc	360
atgagcccag	acacttgcat	caaaactaagc	caacttagac	tctcaaccac	cagctctgtcc	420
tgtcatcaga	ccggaggggtg	tcacctttgag	caaaatttcca	ccagttcaatc	atttatccaa	480
aaacccctaac	ctgactccct	tcgggtaattg	caccacacttg	gtga		524

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<210> 209
<211> 159
<212> DNA
<213> Homo sapien

<400> 209
gggggaggaa atccagagtt gccatggaga aaattccagt gtcagacattc tggctcccttg      60
tggccctctc ctacacctctg gccagagata ccacagctcaa acctggagccg aaaaaggaca      120
caaaggactc tcgaccacaa ctgccccaga cctctctca
<210> 210
<211> 256
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 210
actccctggc agacaaaggc agaggagaga gctctgttag tctctgttct tggaaactgcc      60
actgaatttc tttccacttg gactattaca tgcacattga gggactaatg gaaaaacgta      120
tggggagatt ttanccaatt tangtntgta aatggggaga ctggggcagg cgggagagat      160
ttgcagggtg naaatgggan ggcctgttct ttaatgaac agggacatag gaggttaggca      240
caggatgct aaatca
<210> 211
<211> 264
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(264)
<223> n = A,T,C or G

<400> 211
acattgtttt tttagagatac agcattgaga gagctctcct taactgaca caatgggaag      60
actggaaacag ataccacact ctttgttctg agggataatt ttctgataaa gtctctgtgt      120
atatccaagc acatatgttta tatattatct agttccatgt ttatagccta gtttaggaga      160
ggggagatag atctngaaag aggaactgaaa gaaatactca agtnggaaaa cagaaaaaga      240
aaaaaggag caatgagaa gctt
<210> 212
<211> 328
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

<400> 212
acccaaaaat ccaatgctga atacttgggt tcattatttc canattctctt gattgtcaaa      60
ggatttaaatg ttgtctcagc ttgggcactt cagttaggac ctaaggatgc cagccggcag      120
gtttatatat gaagcaacaa tattcaagcg cgcacaacagg ttattgaact tgcocgcagc      180

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ttnaatctta	tccodattga	cttgggatac	ttatcatcag	ccagagagat	tgaaatatta	240
cccttaacac	ctcttaactc	ctgganaggg	ccagtgggtg	tacgtataag	cttggccaca	300
ttttttttt	ctttatcct	ttgtcaga				326

&lt;210&gt; 213

&lt;211&gt; 250

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(250)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 213

acttatgagc	agagcgacat	atccnagtgt	agactgaata	aaactgaatt	ctctccagtt	60
taaaagcattg	ctcactgaag	ggatagaagt	gactgcacgg	agggaaagta	agccaaggct	120
cattatgcgc	agganatat	acatttcaat	tctccaaact	tcttctcat	tccaagagtt	180
tccaatattt	gcataaact	gctgataanc	catgttaaga	aaacaatata	tctctnacct	240
tctcatcggt						250

&lt;210&gt; 214

&lt;211&gt; 444

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(444)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 214

acccegaatc	caatgcgcaa	tatttgggtt	catattcccc	agattctttg	attgtcaagg	60
gattttaagt	tgtctcagnt	tgggcacttc	agtttaggac	taaggatgcc	agccggcgag	120
tttatatatg	cagcaacaat	atcaagcgcc	gacaaacaggt	tattgaactt	gcccccagtt	180
tgaattccat	tcccattgac	ttgggatcct	tatcatcagc	canagagatt	gaaaatttcc	240
ccctargact	ctttactctc	tggagagggc	cagtcggtgt	agntataagc	ttggcncatc	300
tttttttttc	tttttccct	tgtcagagat	ggcatcctac	catatgctan	aaaccaacag	360
agtgactttt	acaaaatccc	takaganatt	gtgaataaaa	ccttacctat	agttgccatt	420
actttgtctc	ccctaataca	cctc				444

&lt;210&gt; 215

&lt;211&gt; 366

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(366)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 215

acttatgagc	agagcgacat	atccaaagtgt	anactgaata	aaactgaatt	ctctccagtt	60
taaaagcattg	ctcactgaag	ggatagaagt	gaatgcacgg	agggaaagta	agccaaggct	120
cattatgcgc	agganatat	acatttcaat	tctccaaact	tcttctcat	tccaagagtt	180
tccaatattt	gcataaact	gctgataagc	catgttgaga	aaacaatata	tccttgacct	240
tctcatcggt	aagcagagc	tgaaggcaac	atggacacata	gggaanaaaa	aaacttagtaa	300
tccaagctgt	ttctacact	gtaaccaggt	ttccaaacca	ggttggaatac	tcctatactt	360

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ggtagcc 366

<210> 216
<211> 260
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 216
ctgtataaac agaactccac tgcangaggg agggccggggc caggagaatc tcogcttgtc 60
caagacagggg gcctcaggag ggctctccac ctgctnttaa gggctnttnc atttttttat 120
taataaaaag tcaaaaaggg ctctctccaa cttttttccc ttnggctgga aaatttataa 180
atcaaaaatt tccctaaagt ctcaagctat catatatact statcctgaa aaagcaaat 240
aatctctct tccctcttt 260

<210> 217
<211> 262
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

<400> 217
acctagtggg graagtttan aaatgthata atttcaggaa naggaacgca tataattgta 60
tcttgctcat aatttctcat tttaataagg aaatagcaaa ttgggggtggg ggggatgtag 120
ggcaltctac agtttgagca aaatgcaatt aaatgtggaa ggcacagcct gaaaaatttt 180
atgaataatc tctatgatta tatgtctcta gagttagctt ataattagcc acttacccta 240
atatcttcca tgcttgtaaa gt 262

<210> 218
<211> 205
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 218
accaaggtgg tgcattaccg gaantggatc aaigacacca tegtggccaa cccctgggca 60
cccctatcaa ctcccrrttg tagtaaaatt ggaacettgg aaatgaccag gccagagact 120
aggccctccc agttctactg acctttgtcc ttangtntna ngctcagggt tgctaggaaa 180
anaaacacag agacacaggt gtaaa 205

<210> 219
<211> 114
<212> DNA
<213> Homo sapien

<400> 219

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tactgtcttg	tctcagtaac	aataaataca	aaaagactgg	tgtgttccg	gccccatccc	60
accacgaagt	tgattttctt	tgtgtgcaga	gtgactgatt	ttaaaaggaca	tggga	114

&lt;210&gt; 220

&lt;211&gt; 93

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 220

actagccaga	acaaaaggca	gggtagcctg	aattgctttc	tgtcttttac	attttctata	60
aaataagcat	ttagtgctca	gtccctactg	agt			93

&lt;210&gt; 221

&lt;211&gt; 167

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc feature

&lt;222&gt; (1)...(167)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 221

actangtcca	ggtgcgcaca	aattattgtc	gatattccct	tcatcttggg	tcccatgagg	60
tcttttgcac	agcctgtggc	tctactgtag	taagttilctg	ctgatgagga	gccagnatgc	120
ccccactaac	cttccctgac	gctcccacaa	aaacacccaa	ctctctgt		167

&lt;210&gt; 222

&lt;211&gt; 351

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 222

aggggctggg	goggaggggg	gtactgaact	cattagtagg	aggatggatt	ctggacaccc	60
ggtttctacc	tgtcccccaa	tccttaaaag	gccctactgc	ataaagtcac	caacagataa	120
atggttgcctg	aattaaagga	tggatgaaaa	aaattaataa	tgaatttttg	cataatccaa	180
ttttctcttt	tatatttcta	gaagaagttt	ctttgagcct	attagatccc	gggaactctt	240
taggtgcaga	tgetttagga	gnttgtaggt	tgtctttaca	tatctctggc	attattgagt	300
ctgtatcaa	aacatagat	tggtaaaagt	gggtattatg	tattgatcag	t	351

&lt;210&gt; 223

&lt;211&gt; 383

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc feature

&lt;222&gt; (1)...(383)

&lt;223&gt; R = A,T,C or G

&lt;400&gt; 223

aaaaaaca	aacaaaaaa	acaattcttc	attcagaaaa	attatcttag	ggactgatat	60
tggtaatat	ggctcaattta	atwrttttk	ggggcatttc	cttacattgt	cttgacacaga	120
ttaaaattgc	tgtgcacaaa	ttttgtattt	tatttgagga	cttcttatcc	aaagttaatgc	180
ggcaaaagga	agctcaagga	attagtagtg	tcctccctac	cttgatggag	tgtgctattc	240
taaaagattt	tgattttccg	gaatgacact	tatattttac	ctttggtggg	ggaaanagtt	300
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accattaagc	tatatgttta	aaa				383

<210> 224  
 <211> 320  
 <212> DNA  
 <213> Homo sapien

<400> 224  
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 aaaaagttgt gacatttgag caggggagtg gtaaccccta cccccatca aaaaaaaat 120  
 ggatcacatgg taaaggdata raagggaat atttatcat atgtctctaa agagaaggaa 180  
 gagaataaac tactttcttc aaatgggaag cottaagggt gctttgatan tgaaggagac 240  
 aaatgtgggc gtccatccct ctttaragtt gcatgacttg gacacggtaa ctgttgcaat 300  
 tttaractom gcatgtgtac 320

<210> 225  
 <211> 1214  
 <212> DNA  
 <213> Homo sapien

<400> 225  
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 ttctgctcgg ggcacccgtg gcatcccgag tgggtgctgt cagccgcaca ctgttccag 120  
 aactccaca ccatcggtgt gggcctgcac agtccttgagg ccgaccaaga gccaggggagc 180  
 cagatggtgg aggcacagct ctcctacagg caccvagggt acaacagacc ctgtctcgt 240  
 aacgacctca tgcctatcaa gttggagaa teagtgtcgg agtctgacac catccggaggc 300  
 atcagacttg ctccgagtg cctaccggcg gggaaactct gccctgcttc tggctgggggt 360  
 ctgtctggcga accgaggaat gctaccgttg ctgagtgcg tgaacgtgto ggtggtgtct 420  
 gaggaggtct cagtaagaat ctatgacccg ctgtaccacc ccaggaatgtt ctgcgcgggc 480  
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 ggtgtctaca ccaacctctg caaattcact gaatggatag agaaaaatgt ccaggccagt 660  
 taactctggg gactgggaac ccatgaattt gaccoccaaa taactctgc ggaaggaaat 720  
 caggaaatct tgtccacagc cctctctccc tccggccagc gajtcaggc cccagagccc 780  
 tctctctcca aaccaagggt acagatcccc agccctctct ccttcagacc caggagttca 840  
 gaccocccag cccctctccc ctacagacca ggaatccagc cctctctccc tccagaccag 900  
 gagtccagac cccctcagcc ctctctcttc agaccaggg gtcagagccc ccaacccctc 960  
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 gtccagagcc cctctctctc agaccaggg gtcaccaatgc accagagctc tccctgtaca 1080  
 cagtgtcccc tctgtgcagg ttgacccacc ctacacaggtt ggtcttctat ttttctccc 1140  
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 aaaaaaaata aaaa 1214

<210> 226  
 <211> 119  
 <212> DNA  
 <213> Homo sapien

<400> 226  
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 agaacctggc ccagtcataa taattctctc tgcagctggc aataatcagc ataaccagt 119

<210> 227  
 <211> 818  
 <212> DNA  
 <213> Homo sapien

<400> 227  
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aattttctctc	ctctggaggga	aagggtgggtga	ctgacaggga	gggagagcagt	gacaaaggcta	140
gagaaagccca	ggcttggcgtt	ctctctgaacc	aggatgggaac	ggcagacccc	tgaaaacgaa	150
gcttggctccc	ttccaactcag	ccacttctgga	gaaccccacat	ctaaacttctc	actggaaagag	160
agggctctctc	caggagcaggt	ccagagagttt	tcaagagataa	ctgtgacaact	acctctctaga	170
ggaaagggttg	ccacctcagc	agagaagcccg	agagacttaac	ctctggtcgtt	tcagagagaca	180
acctgctgggc	tgctcttggga	tgcgcccagc	ctttgagagg	gaactacccc	atgaactctc	190
ggcatctcact	ggacatgaag	ctgaggacac	tgggcttcaac	cactgaagtgc	tcatgagagg	200
gacagggtctc	ggcctcaagc	gggtcgagggt	cagcaaccac	tctctctccc	ttctctcgc	210
aaagccatttc	ccacaatacc	agaccatacc	atgaagcaac	gagaccccaaa	cagtttgggtc	220
caagaggata	tgaggagctgt	ctcagcctgg	ctttgggctg	acaccactgca	cacacacaag	230
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<210> 228

<211> 744

<212> DNA

<213> Homo sapien

<400> 228

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tcgtggccga	ccctggctct	ccctggctct	ttcttaagat	ggggagctcac	atttcaatgg	130
tgggaagaat	ggcttcgttaa	aatagaagag	cagtcactgt	ggaaactacca	aatggggagta	140
tcgtcggctgc	acatctgggt	gctttgggat	aaaagattta	tgagccaacc	attctctggc	150
accagattct	agggcagttt	gttccactga	agctttctcc	acagcagctcc	acctctggac	160
gcttggcagct	gaattggcttg	ccggctggctc	tgttggcaaga	tcacactgag	atcgatgggt	170
gagaaaggcta	ggatgctgtc	ctagtgtttc	tagctgtcac	gttggctctc	tccaggttgg	180
ccagacccgtg	ttggccactc	ccctctaaaa	cacaggccgc	ctcctgggtga	cagtgaaccc	190
ccgttggtakg	ctctggcccca	ttccagcagt	ccacgttatg	catttcaagt	ttgggggtttg	200
ttctctttctc	taactgtctc	ctggtttgtc	agctgtcttc	atttctctgg	ctaaagcaga	210
ttgggagatg	tggacagag	atccactctc	taagaaaccg	tggcgaaaga	caattttctt	220
cttcaactctg	aagtagctgt	tggt				230

<210> 229

<211> 300

<212> DNA

<213> Homo sapien

<400> 229

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tcaggggttg	ttgtttttta	aktatctatg	ttgaaaaagt	cccccacagt	ccctgttaaat	180
ttgtatttga	cagccaaact	tgagaaggtc	ctatttttcc	acctgcagag	gactcagctcc	240
caactaggctc	ctccttggcc	tcacactgga	gtctccggca	gtgtgggtgc	ccactgaact	300

<210> 230

<211> 301

<212> DNA

<213> Homo sapien

<400> 230

cagcagaaca	aatacaataa	tgaagagctgc	aaagatctca	taaaatctat	gctgaggaaat	60
gagcgacagt	tcaaggaggga	gaagcttgcga	gagcagctca	agcagcttga	ggagactcag	120
caatacaaaag	ctccgggttca	ccctcaggaa	cgagagctga	ccaggttaag	ggagagatgtg	180
cgggaaggga	gagatgcctc	ctctctcattg	aatgagctac	tccaggccct	cttcaactccg	240
gatgaacccg	acaaagctcca	ggggccaggag	ctccagaaaa	cagacccctgg	cgcgcagcac	300

g

&lt;210&gt; 231

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 231

ggaaggaacgc	tggaacatct	ctgtcaggtc	agctccagag	aagccattag	tcatttttagc	60
caggaactcc	aagtcacacat	ccttgggaac	tgaggagcttg	cgagggttag	ccttgaggat	120
ggcaacacagg	gacttctcat	caggaagtg	gatgtagatg	agctgatcaa	gacgggacagg	180
tctgaggatg	gaagatcaa	tgatgtcagg	ccggttggtta	ccgccaatga	tgaacacatt	240
ttttttgtg	gacatgccat	ccatttctgt	caggatctgg	ttagatgctc	ggttcagcagc	300
c						301

&lt;210&gt; 232

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 232

agtaggtatt	tctgtgagaag	ttcaacaccca	aaactgggaac	atagttctctc	ttcaagtggtt	60
ggcgacagcg	gggtcttctcg	attctgggaat	ataactttgt	gtaaattaac	agccactcat	120
agaagagtc	atctgtcttg	aaggagagac	agagaactct	gggttcctgc	gtctgttcca	180
ctgtgtgtac	caagtgtctg	tyccagcctg	ttacctgttc	tcactgaaaa	tctggttaat	240
gtctctgtgt	atcactctcg	attctgacac	tcactcaatc	aatgggtctag	agcactgaat	300
g						301

&lt;210&gt; 233

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 233

atgactgact	tcacagtaag	gtctcttaag	gggttaagtag	gaggatccac	aggatttgag	60
atgtcaaggc	cccagagatc	gtttgatcca	acccctctat	tttcagaggg	gaaaatgggg	120
cctagaagtt	acagagcctc	tactgtgtgc	gttgacaccc	ctggcctcac	acagactccc	180
gagtagctgg	gactacaggg	acacagtcac	tgaagcaggg	ccgtgttagca	attctatggg	240
tacaatttaa	catgagatga	gtagagactt	tattgagaaa	gcaagagaaa	atcctatcaa	300
c						301

&lt;210&gt; 234

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 234

aggtctatca	catcgagact	catccatgat	tgstatgaat	ttaaaaatta	caagcaaaaga	60
catttttatc	atcatgatgc	tttcttttgt	ttctcttttt	cgttttcttc	ttttcttttt	120
tcaatttcag	caacataact	ctcaatttct	tcaggartta	aaatcttgag	ggattgactc	180
cgctcatga	cagcaagttc	aatgtttttg	ccacctgact	gaaccacttc	caggagtggc	240
ttgatcaaca	gcttaattgt	cagatcatct	gcttcaatgg	cttcgtcaagt	aaagtctctc	300
t						301

&lt;210&gt; 235

&lt;211&gt; 383

&lt;212&gt; DNA

&lt;213&gt; Homo sapien



<400> 235  
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 aattccctca ttttttaggg aatcatttac cagggtttggg gaggattcag acagctcagg 120  
 tgccttccact aatgtctcty aactctcgtc cctctttgtt catggatagt ccaataaata 180  
 atgttatctt tgaactgatg ctcataggag agaataaag aactctgagt gatatacaaa 240  
 ctaggagattc aaagaacat tagatttaag ctcaactgg tca 283

<210> 236

<211> 301

<212> DNA

<213> Homo sapien

<400> 236  
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 tccggcagag ctcatttaata ccaagcagaa tggtaatatg ttaaatcaaa tggttatatg 180  
 tgggtagacg gtttcctgag taccagtgtac tgggttatcg taactctggac ttgggttgta 240  
 aagcatctggt kacccagtcag aaagcatcaa tactcgacat gaacgaatat aaagaacacc 300  
 a 301

<210> 237

<211> 301

<212> DNA

<213> Homo sapien

<400> 237  
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 actcaatttt tggctcgtcc tttttggcct ttcccaattt gtccatctca attttctggg 120  
 ccttggctaa tgcctcatag tagggagtct cagaaccagcc atggggatca aacatatcct 180  
 ttgggttagt gtgtcccaagc tgcctcaatg cacaagaatgg atcagcttct gtaaatctta 240  
 ggggtccaaa attcttttct cctttggata atgtagtcca tatccattcc ctccctttatc 300  
 t 301

<210> 238

<211> 301

<212> DNA

<213> Homo sapien

<400> 238  
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 ccttgagact tccggagctg aggtctctca gggttcccca gcccatcaat cattttctgc 180  
 accccctgac tgggaagcag ctccctgggg ggtgggaatg ggtgactaga agggatttca 240  
 gtgtgggacc cagggctctg ttttcacagt agggaggtga agggatgaat aattttctta 300  
 t 301

<210> 239

<211> 239

<212> DNA

<213> Homo sapien

<400> 239  
 ataagcagct aggggaattct ttattttagta atgtccctaac ataagggttc acataactgc 60  
 ttctgtcaaa ccatgatact gagcttttgg acaacccaga aataactaag agaaggcaca 120  
 cataatacct tagagatcaa gaaacattta cacagttcaa ctgtttaaaa atagctcaac 180  
 attcagccag tggatagagt gtgaatgcca gcatcacag tatcagggtc cttaaggga 239

<210> 240

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 240

gggtcccaatg	aagcagcagc	ttccacattt	taacgcaggt	thacgggtgat	actgtccctt	60
gggtatctgcc	ctccagtggc	acchtttaag	gaagaaagtg	gcccagcta	agtcccaact	120
gtgggtgag	ccagatgact	tctgttccct	ggtaacttct	ttcaatgggg	cgaatggggg	180
ctgtccaggtt	cttaaaatca	tgtttcatct	tgaagcacac	ggtcacttca	cccctctcac	240
gctgtgggtg	tactttgatg	aaaatacccc	ctttgttggc	ctttctgaag	ctataatgtc	300

&lt;210&gt; 241

&lt;211&gt; 361

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 241

gaggtctggg	gctgaggtct	ctgggtcagg	aagaggagtt	ctgtggagct	ggaaagccga	60
ccctcttggc	ggaaactcca	gcagctatgt	tgggtctctt	gaggggaarg	aacaaggctg	120
ctctctccat	tattggaaaa	ctgcacactg	gactcaactg	gaaggaagtg	ctgtctgcag	180
tgtgaaggac	cagcttgagg	tgcacagaac	ggaaagcaac	aggaacagcc	agctctttct	240
tcctctctct	gtcatacgtt	ctctctcaag	catctcttgt	tgtcaggggc	ctaaaagggc	300
g						361

&lt;210&gt; 242

&lt;211&gt; 361

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 242

ccgaggtctct	gggaatgaac	caatcactct	gtttccagtg	acttttatca	ccatacaatt	60
tgtggcattt	ctctatttct	tacattgttg	aattcaagagt	gtaataaat	gtatatcgat	120
gtcttcaaga	ataatctcat	ctctttctcc	tgaaccccat	tcaaatata	agtcacagaat	180
cttaatatca	acaaatatat	caagcaaacct	ggaaaggcga	ataactacca	taattttagta	240
taagtaccca	aagttttata	aatcaaaagc	ctaatgata	accattttta	gaattcaatc	300
a						361

&lt;210&gt; 243

&lt;211&gt; 361

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 243

aggtaagctcc	cagtttgaag	ctcaaaagat	ctgggtatgag	cataggctca	tcgaagacat	60
gggtggcccaa	gctatgcaat	cagagggagg	cttcatctgg	gctgtataaa	actatgatgg	120
tgaactgtcag	tggactctcg	tggcccaagg	gtatggctct	ctgggcatag	tgaaccagct	180
gctggtttgt	ccagatggca	agacagtaga	agcagaggct	gccacaggga	ctgtaaccgg	240
tcaactaccg	atgttccaga	aaggacaggc	gacgtccacc	aatccatttg	cttccatttt	300
t						361

&lt;210&gt; 244

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 244

gctgggtttgc	aagaatgaaa	tgaatgattc	tacagctagg	acttaacctt	gaatggaaa	60
gtcatgcaat	ccattttgca	ggatctgtct	gtgcacatgc	ctctgtagag	agcaagcatc	120

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ccagggaacct tggaaacagt tgaactctga aggtgcttgc tcccacagac acatctataa 180
aggtgttctga atggtgaana ogtcttcott utttcttggc ctttcttctt tatgtgaaca 240
actgttctgtc tttctgttat cttttttaa cgttaaagtt caattgtgaa aatgaatatc 300

```

&lt;210&gt; 245

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 245

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gtctgagtat ttaaaatggt attgaaatta tcccacacca atgttagaana agaaagaggt 60
tatatactta gataaaaaat gaggtgaatt actatccatt gaaatctatg tottagaatt 120
aaggccaggga gatacttgtca ttaatgtara cttcagggaca cttagagtata gcagccctat 180
gttttcaag agcagagatg caattaaata ttgtttagca tcaaaaaggc caactcaatac 240
agctaataaa atgaagagac taatttctaa agcaattctt tataatttac aatgttttaa 300
g 301

```

&lt;210&gt; 246

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 246

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ggtctgtctt acaatgcttg cttcttgaas gaagtcggca cttctctaga tagctaaata 60
acctgggtct attttaaaga actatttgtt gctcagattg gtttctctat ggtttaaata 120
agtgcctctt gtgaaaatta aataaaacag ttaattcnaa gctctgatat atgttaccac 180
taaacatcat actaaatata ttttgaagta caaagtttga catgctctaa agtgacaacc 240
caaatgtctc ttacaaaaca gtttctaac aagytatget ttacactacc aatgcagaaa 300
c 301

```

&lt;210&gt; 247

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 247

```

aggtcctttg gcagggtctc tggatcagag ctcaaaactgg agggaaaggc atttcgggta 60
gcctaagagg gcgactggcg gcagcacaa cagggaaggc aaggttgctt ccccacgct 120
gtgtctgttg ttcaggttgg acacacaatc ctcatgggaa caggatcacc catgcgtctc 180
cttctgtgat caaggttggg gcttaagttg attaagggag gcaagttctg ggtctcttgc 240
cttttcaaac catgaagta ggtctctgat cctctctttt cctaactgat atttctaacta 300
a 301

```

&lt;210&gt; 248

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 248

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aggtcctttg agatgcattc tcagccgaag gactctctw ttoggaaagta caacctcact 60
attaggaaaga tctctagggg taattttctt gaggaaggag aactagccaa cttaagaatt 120
acagggaaga agtgggtttg aagacagcra aagaaataaa agcagattaa attgtatcag 180
gtacattcga gcctgttggc aactccataa aacatttca gattttaact cgaattttag 240
ctaagagagc tgyattttty ttttttatgt tgytlytgc agagctaaaa actcagttcc 300
c 301

```

&lt;210&gt; 249

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 249

gtccagagga agcaccctggg gctgaactag gcttgccttg ctgtgaacct gcacttggag	60
ccctgacgct gctgtctccc ccgaaaaacc cgaccgacct ccgggatctc cgtcccgccc	120
ccaggggagc acagcagtgga ctcagagctg gtgcacact gtgcctccct cctccacggc	180
cctgtgcatg aattattttg aaaaataatt ccaccatcct tccagattct ggaatggaag	240
actgaatctt tgaactcagaa ttgtttgttg aaaaagaatga tgtgaacttc ttagtcattt	300

a

303

&lt;210&gt; 250

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 250

ggctctgtgc aaggacttgg aggtgtgtgg aggcgaagtga ccttcaacac tacactcttc	60
ctatctctta ttggtctgag aaacataaatt atctctacca ctgacttact tccagttggc	120
catagcaca tccagtactt tctctggctg gaatagtaaa cttaaagtatg ttacatctac	180
ctaaagact actatgttga ataatacata ctatgaagt attacatgat ttaagacta	240
caataaacc aaacatgctt ataacattaa gaaaaaacat aaagatacat gattgaacc	300

a

303

&lt;210&gt; 251

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 251

ggcagggtcc tacattttgg ccagtttccc cctgcatctt ctccagggcc cctgctcat	60
agcaaacctc atagagcata gggaactcgg ttgccttggg ggcaggggga ctgtctggaat	120
ggcagggttc ctcaaaaatg ccactgtcac tgcagggaat tgcctctggg cagtacacat	180
cattgggctc aatgaanaag ttcaagaat ctccagggtc actctcttga aggcctggga	240
cctctggagg ggggcagtggt aatccagct ccaggacgga tctgtcgaa aagatatcct	300

c

301

&lt;210&gt; 252

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 252

gcaaccaatc actctgttcc acgtgacttt tatcaccata caattttgtg catttctctc	60
ttttctacat tctagaatca agagtgtata taatgtata tggatgtctt caagaatata	120
tcaattcttt ttcacttggg accatttcaa aatatagctc aagaacttta atatacaaa	180
atatatcag caacttggaa ggcagaataa ctaccataa ttggtataag taccacaagt	240
tttataaacc aaagcccta atgataacca tttttagaat tcaatcatca ctgtagaac	300

a

301

&lt;210&gt; 253

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 253

ttccctaaag agatgttact ttgttgggtt ttgttccccc tccatctcga ttctgttacc	60
caactaaaaa aaaaaataa agaaaaaatg ttgtgtgttc tgaataataa ctctctagct	120

tggtctgatt	gttttcagag	cttaaaatat	aaacttggtt	cacaagcttt	aatccctgty	180
gatttttttt	cttaagagaa	cacaaaacat	aaaaggagca	agtcggactg	aatccctgty	240
tcocatagtc	ccacagggtt	ttcccacac	ttttccata	ggaaaatgct	ttttccaaag	300
g						301

&lt;210&gt; 254

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 254

cgctggcct	ttcccttggg	ggaggggcaa	ggccagaggg	gggtccaaagt	cagccagaggg	60
aacttgacaa	attcccttga	agcgggtggg	ttaaacccctg	taaatgggaa	caaaatcccc	120
ccaaatctct	tcactttacc	ctgggtgga	cttgactgtg	gaattttttg	gttgaacaaa	180
gaaaaaata	aagcttttga	cttttcaagg	ttgtcttaaa	ggtactgaaa	gactggcttc	240
acttaaatg	agccaggaaa	agctgcagat	ttatttaatg	gtgtgttagc	gtgcagtgcc	300
t						301

&lt;210&gt; 255

&lt;211&gt; 302

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 255

agcttttttt	tttttttttt	tttttttttt	ttcaataaaa	aatagtgttc	tttattataa	60
attaactgaaa	tggtttcttt	ctgaatataa	atataaatat	gtgcaaatgt	tgacttggat	120
tgggtatttt	ttgagtttct	caagcatctc	ctaataccct	caagggctctg	agttagggggg	180
aggaaaaagg	actggagggtg	gaatctttat	aaaaaaccaag	agtgtattgag	gcagatttga	240
aaacttatta	aaaaaacaga	aaaaaacaaa	aaaatagaga	aaaaaacacc	cccaaccacac	300
aa						302

&lt;210&gt; 256

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (301)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 256

gttcagagaaa	acathgaaag	tggtttccca	aagcttaact	agggaatacc	ctcttagcct	60
agggtccctcc	tcccccaacc	tcaatccacc	aaacataccc	taagcaccc	agataggccc	120
acccccaaaa	gcctggacac	cttgagacaa	cagttatgac	caggacagac	tcactcttat	180
aggcaaatag	ctgctggcaa	actggcatta	cctggtttct	ggggatgggg	gggcaagtgt	240
gtgggtcttc	ggcctgggtt	gcaagaacat	tcagggttag	cctaagttaa	tcgtgttagt	300
t						301

&lt;210&gt; 257

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 257

gttggtgggg	aaactctggt	tgcataaaa	gtctctacga	tttccactat	ccccggatt	60
tcccacttla	ttttttcttt	tcactctatg	aggccttaga	agaggctctac	ctggcctcag	120
tcttccctag	tcagctctac	ccccggaggt	tgaatgggcc	atcctgaagt	gaaaacgaat	180

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gtacattacg tcccttcagt gathctctgt agaggtgccg atccccgaat gccaccaga 240
tcttaattctt cacatcttta atcttatctc tttagactctt cttaacaccc gagaaaggtc 300
c 301

```

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<210> 258
<211> 301
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

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<400> 258
cagcagtagt agatgccgta tgcacgcacg cccagcactc ccaggatcag caccagcacc 60
agggggcncag cccaccaggcg cagaagcagc ataaccagta ggctcaagac caggggccacc 120
cccagggtcca ccaagaaacca ataccaggac tgggcacaaat cttaaacact cttaaacact 180
atgtctcggg cattgaggtc gtcaataana cggtagatcc ctgctgtatg gtgtgtgtat 240
tggtagatcc tgggagcgcc ggtggagtaa cgttggtcca tggaaagcag cgcacacaac 300
c 301

```

```

<210> 259
<211> 301
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

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<400> 259
tcctatatgc aaacaaatgc agactangcc tccaggcagc actaaaggac atctctttggg 60
gtgtctctgaa gtgatttggg cccctgaggg cagacaccta agtaggaatc cccgtgggaa 120
gcaaaagccat aaggaagccc aggtattctt gtgatcaggc agtgggcccag gaaggtctgt 180
tccagctcac atctcatctg catgcagcac ggaacgggat cgcacactgg gtcttggctt 240
ccctccatcc ttctcaagca gtgtctctgt tgaagcattt gcatctcttg ctccaggtgg 300
c 301

```

```

<210> 260
<211> 301
<212> DNA
<213> Homo sapien

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```

<400> 260
ttttttttct cctcaaggaa aaagaaggaa caagctctat aaaaacaaat aagcaatggt 60
aaggtgtctt aacttgaaaa agattagggg tccctgggtt accagttata attgaatgaa 120
agaactgttaa cagccacagt tggccatttc atgcacactg cagcaaaaca caggattaac 180
tggggcaaaa taataaagtg tgtgggaagc ctgat.aagtg cttaataaac agactgattc 240
actgagacat cagtacctgc ccgggcgggc gctcagagcc aattctgcag atatccatca 300
c 301

```

```

<210> 261
<211> 301
<212> DNA
<213> Homo sapien

```

<400> 261  
 aaatatttga gcaaatcttg taactaatgt gtctccataa aaggctttga actcagtgaa 60  
 tctgtctcca tccacgagtc tagcaatgac ctctcggaca tcaaagctcc tcttaagggtt 120  
 agcaccactc attccatata attcattcagc aggaataaaa ggctcttcag aagggttcaat 180  
 ggtgacatcc aatttctctc gataabttag attctctaca accttctcag ttaagtgaag 240  
 ggcattgatg tcatccaaag cccagtggtc acttaetcca gactttctgc aatgaagatc 300  
 a 301

<210> 262  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 262  
 gaggagagcc tgttacagca ttgttaagca cagaatactc caggagttatt tgttaattgtc 60  
 tgtgagcttc ttgcgcgaag tctctcagaa atttaaaag atgcasatcc ctgagtcacc 120  
 cctgagcttc ctcaaacaga tctctcgggg ctgggaacccg gcactctgca ttgttaattgc 180  
 ggggttttgc gtgcacactc aattttgtgc attcttgcgc taaatctctg attagtgcgc 240  
 catctatccc cccacattat aatgggtagc attccagaga gatactctcc agcaagaatc 300  
 c 301

<210> 263  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)... (301)  
 <223> n = A,T,C or G

<400> 263  
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 aaaataacta cttaattcta attccacata acaatggcat taagggttga ctgaggttgg 120  
 tctctagtat tattataggt aatatggctc ttaacacttg caataaactg gccacatcat 180  
 taagtactga ctctccagta aggtctctca aggggttaagt anagagatcc acaggatttg 240  
 agatgctaag gcccacaga tctgttgatc caacccctctt atttccagag gggaaaatgg 300  
 g 301

<210> 264  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 264  
 aaagagtgta aaccattcta ctaccacttg tggaaacttc aaagggtaaa tgacaaaacc 60  
 aatgaatgac tctaaaacca atatttccat tcaatgggtt tagagacaata aaaaaacag 120  
 gtggatagat ctgaatattg aacattttta gaaaacata acatttgaca gatgagaag 180  
 ctcaactata gatgcgaagt taaactaaa ctactatagt agtaagaaga tactctcac 240  
 accctcata caaatccact atcttggttt gaggcaactc ataaaaatga tcaactgcat 300  
 a 301

<210> 265  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 265

tgcccaaggt	atgtgttaag	gtatccgcac	ccagaggttaa	aactacactg	tcatctttgt	60
ctttctgtga	cgaggtatct	ctttctctggg	gagaagcggg	gaagtcctct	cctggctcta	120
catattcttg	gaagtcctcta	atcaactttt	gttccatttg	tttcatttct	tcaggaggga	180
ttttcagttt	gtccacatgt	tctctaaaca	cacttgcaca	tttcgttaaa	gaatcacaag	240
cagtcacaag	ctttgacatg	tcaacaacca	gcataactag	agtatcttct	agagatacgg	300
c						301

&lt;210&gt; 266

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 266

tacgctctgc	ccttctctcc	atccaggcca	cttgccgaac	tacatgggtc	ctctctattg	60
acaccagatc	actctttctt	ctaccacacg	gcttgcctatg	agccagagac	acaacccctc	120
ctctctcttg	ttccagcttc	ttttctctgt	cttccacccc	cttaagttct	cttctctggg	180
atagagacac	caatacccat	aaactctctc	ctaagctctc	ttataacctc	gggtgcacag	240
acagactctc	tgacactctg	taaggccaat	gaacttggag	ctcacagctg	gctgtgcttg	300
a						301

&lt;210&gt; 267

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 267

aaagagcaca	ggccagctca	gcctgcaatg	gccatctaga	ctcagccctg	ctccatgggg	60
gttctcagtg	ctgagtcac	ccaggaaaag	ctcacctaga	ccttctcagg	ctgaatcttc	120
atcctcaacg	gcagctcttg	agagctctgat	attctctagc	ttgatggctt	ggagtaaaag	180
ctcattctga	tctctctctc	tctttctctt	caagtctgct	tctctcaact	cctctctctc	240
aattctcttc	agcttctctg	ctttagcctt	catttccaga	agctctcttc	ctttgctctc	300
t						301

&lt;210&gt; 268

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 268

aattgtctac	tcaactactt	ccagacctac	cgtggcctaa	ttctgggagt	tttctcttta	60
gctcttggga	gagcttggtc	ttctaaagg	agggaggaag	gacagatgta	actttgggac	120
tggagagaga	agctcaatgg	aagtaattag	tcaacggctc	ttgttttaga	tcttgggaata	180
tgctgggttg	ctcagtgagc	ccttttggag	aaagcaagta	ttattcttaa	ggagtaacca	240
cttccacttg	ttctactctc	taccatcctc	aattgtatat	tatgtattct	ttggagaact	300
a						301

&lt;210&gt; 269

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 269

caacaataha	cactagctat	cttttcaact	gtccatcatt	agccccaagt	aagattcaat	60
aaatttacct	ttattccac	atctcaaac	aattctgcac	attcttagtg	aagttttaact	120
atagtccag	accttaata	ttcacattgt	ttctatgtc	tactgaaaat	aagttcaata	180
ctttctcggg	tattctttac	aaaactctta	taaaattctc	ggtaattcca	cccccaata	240
tacagtagca	caaccacctt	atgtagtttt	tacatgatag	ctctgtagaa	gtttccacac	300
t						301



<210> 270  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 270  
 cattgaagag cttttgggaa acatcagaa acagagtgct ataaaaata ttaagcctta 60  
 sacaagaata catattcctt ttatttctaa ggaattacac atagatgtag ctgagtgga 120  
 gagcttgctg gtgcagtgca tattggataa cactattcat ggcgaattg atcagatcaa 180  
 caaactcctt gaactggatc atcagaagaa ggggtgggca cgaatatact cactagataa 240  
 tggacaaacc aactaaatto tctcaccagg ctgtatcagt aaactgggtt aacagaaaac 300  
 a 301

<210> 271  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(301)  
 <223> n = A,T,C or G

<400> 271  
 aaaaggttct caaagatta acaattttaa taattatttg atagaacatt ctctctcatt 60  
 ttatagcttc atcttttagg ttgatatcca gtccatgctt cccttgctgt tcttgatcca 120  
 gaattgcaat cacttcacca gctgttattc gctccaattc tctataaagt gggctcaagg 180  
 tgaaccacag agccacagaa cactctcttc ccttggtgag tgccttcacc ccattgaggt 240  
 tctctctccc agatganaac tgatcatgcy cccacatttt ggggtttata gaagcagtca 300  
 c 301

<210> 272  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 272  
 taatttgcta agccacagat aacaccaato aaatggaaca aatcactgtc ttcaaatgtc 60  
 ttatcagaaa accaaatgag cctggaatct tctaatatcc taacactgac gtatttagga 120  
 tccaaatatt cctccatgat gaggcaagaa aattcttttg gacccccctc tgcattccaa 180  
 gcatctcttc caacaatat aaccttgagt ggcctcttgt aactatggtt cttgttttcc 240  
 ctaaggactt ccattgcacc tcttcaata ttttctctac gacccactag aattaagcag 300  
 g 301

<210> 273  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(301)  
 <223> n = A,T,C or G

<400> 273  
 acatgtgtgt atggttatct ttgggaagaa aaaaagacat cttgtttatg attttttttg 60  
 agagagtgct ggcacatggt aatcacctaa ttgtctatga tgcatttaac ctgacttgaa 120

```

gacccgtcta aaaataaaat ttaccatgtc dstatcttct tatagatcgc ttatttcacc 180
tlyttctcgt ccagagagag tatcagtgac ananatttma gggtagaamac atgmatttgt 240
gggactctty ttatcagagm acctgcccgc sgggcccctcg makcngantt ccgcbananc 300
c 301

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<210> 274
<211> 301
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

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<400> 274
ctttctatact cttctcttaga ggcataaagag gagatgggta atgtagacaa tcttttgagg 50
aacngtaaat gattattaga gagaangaat ggaccaaagg acagaaattt aacttgtaaa 120
tgattctctt tggaaatcga atgagatcaa gaggccagct ttactttgtg gaaaagtcca 180
tctaggtagt gttgcattct cgtctctctt tctgcagtag ataattaggt aaccgaaggg 240
aatgtgctt cttttgataa gaagctttct tggtcataac aggaattctc aganaaagtc 300
c 301

```

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<210> 275
<211> 301
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

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<400> 275
tcggtgtcag cagcacttgg cattgaacat tgcattgttg agcccaaac accagaastg 50
gggtgaattt ggcctaactt ctatttaact atgttggcaa ttttgccacc aacagtaagc 120
tggccctctt aataaaagaa aattgaaggg tttctcacta aacgggaatta agtagtggag 180
tcaagagact ccacaggctc agogtacctg ccgggggggc cgtctgaagc cgaattctgc 240
agatatcat cactctgggg gttctctgag catgcctcta gaagggtcaa ttgcacctat 300
a 301

```

```

<210> 276
<211> 301
<212> DNA
<213> Homo sapien

```

```

<400> 276
tgtacacata ctcataaast aaatgactgc atgttgggtat tattactata ctgattaiat 50
ttatcatgtg actctcaatt agaaaatgta tccaaaagca aacagacaga tatcaaaatc 120
taaagagaca gaagatagac attaacagat aaggccaactt atacattgag aatccaatc 180
caatcatctt aaacatttgg gaaatgaggg ggacaaatgg aagcagatc aaatttgtgt 240
aaaactatlc agtatgttc ctttgttca tgtctgagaa ggctctccct caatggggat 300
g 301

```

```

<210> 277
<211> 301
<212> DNA
<213> Homo sapien

```

<220>  
 <221> misc\_feature  
 <222> (1)...(301)  
 <223> n = A,T,C or G

<400> 277  
 ttgtgtgag tcagttatttt attacttgcc ttatgagtgc tcacctggga aattctaaag 60  
 atacagaggaa ctctggaggaa gcagagcaac tgaatttcat ttaaaagaag gaaaacattg 120  
 gaactcatggc actcttgata ctctccaaa tcaacctctt caatgcccc cctctgtctt 180  
 caccatagtgt gggagactaa agtggccacg gatctgcttt agtgtgacg tgcgttctga 240  
 gttcctctgc gattacatct gaccagcttc ctctttccga agtccctccg ttcaactcttg 300  
 c 301

<210> 278  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(301)  
 <223> n = A,T,C or G

<400> 278  
 taccactaca ctccagcctg ggcacacagc caagacctgt ctcaaagcat aaactggaa 60  
 aacatctcaa atgaacacgg gaaactgaag ctgacaattt atggagccca gggcttgtrc 120  
 cagtctctac tgttattatg cactacctgg gaattttatat aagcccttaa taataatgac 180  
 aacgaacatc tcatgtgtgc tcacaatggt ctggcactat tataagtgtt tcacaggtac 240  
 tatgtgtctt tegttaattt atggantagg taactcggcg cgaacacgtt aagccgaatt 300  
 c 301

<210> 279  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(301)  
 <223> n = A,T,C or G

<400> 279  
 aaagcaggaa tgcacaaagc tgccttttcg gtatgttcta ggtgtatttg gaattttact 60  
 gtttatattaa ttgccaatat aagtaaatat agatttatata tgtatagtgt ttccacaaagc 120  
 tttagactctt accttccagg cactccacag tgcctgatata ctccaggtca gtcatgggtt 180  
 atacatgtgt agttccaaag cacataagct agsanaanaa atattttctag ggagcactac 240  
 catctgtttt cactgaaat gccacacaca tagaactcca acatcaattt catgtcacag 300  
 a 301

<210> 280  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 280  
 ggtactggag ttttctccc ctgtgaaacg gtaactacfg ttgggagtga attgaggatg 60  
 tagaaaggtg ttggaaccaa attgtggtca atggaaatag gagaatatgg ttctcactct 120

tgagaaaaa	ecctaaagatt	agcccaggta	gttgctctgta	acttcagatt	ttctgctggy	180
gtttgatata	gttttaggggt	gggggttaget	taagatctaa	attacatcag	gacaaagaga	240
cagactatta	actccacagat	taattaagga	ggtatgttcc	atgttttatt	gttaaaagcag	300
t						302

&lt;210&gt; 281

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 281

aggtacaaga	eggggaatgg	gaaggagctg	ctgctgtggc	attgttcaac	ttggatattc	60
gocgagcaat	ccaaatcccg	aatgaagggg	catcttctga	aaaaggagat	ctgaattctca	120
atgttgtagc	aatgggttta	tgggttata	cggatgagaa	gaactccctt	tggagagaaa	180
tgtgtgacac	actgggatta	cagctaaata	acccgtattt	gtgtgtccatg	tttgcatctc	240
tgacaagtga	aacaggatct	tacgatggag	ttttgtatga	aaacaaagti	gcagtaacctc	300
g						302

&lt;210&gt; 282

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 282

caggtactac	agaattlaaa	tactgacaag	caagtagttt	cttggcgtgc	acgaattgca	80
tccagacccc	aaaaatttaag	aaattcaaaa	agacattttg	tgggcaacctg	ctagcacaga	120
agcgccagag	caaaagcccag	gcagaaccat	gctaaccotta	cagctcagcc	tgcaacagaag	180
cgcagaagca	aagcccaggc	agaaccatgc	taaccottaca	gctcagcccg	cacagaagcgc	240
cagaagcaaa	gccccaggcag	aacatgtctaa	ccttacagct	cagcctgcac	agaaagcacag	300
a						302

&lt;210&gt; 283

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 283

actgttatcc	ggagagacaa	ctttatarag	tgtagagagg	tgagcgaaag	gatgcacaaag	60
cacttttgagg	gctttataat	aattatctgc	ttagaaaaaa	aaattgtgtag	ttgtacttca	120
gtgcactctcc	agacatagta	aggggttgct	ctgaccaatc	aggtgatcat	ttttctctac	180
acttcccagg	ttttatgcaa	aaattttggt	aaattctata	atggtgatat	gcattcttta	240
ggaaaacatat	acatttttaa	aaattctatt	tatgtaagaa	ctgacagacg	aatttgccttc	300
g						302

&lt;210&gt; 284

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 284

caggtacaaa	acgtatttaa	gtggcttaga	atttgaacat	tttgtgtctt	caatttacttt	60
gcttctgtgt	tgggcaaaag	aacatcttcc	ctaaatctat	attaccaaga	aaagcaagaa	120
gcagattcag	tttttgacaa	aacaaacagg	ccaaaagggg	gctgacctgg	agcagagcat	180
ggttagaggg	aaggcatgag	agggcagatt	tgltgtgtac	agatctgtgc	ctactttatt	240
actggagtaa	aagaaacaaa	agttcatfca	tgtcgaagga	tactatcagc	gttagaaatt	300
a						302

&lt;210&gt; 285

<211> 301  
 <212> DNA  
 <213> Homo sapien  
 <220>  
 <221> misc feature  
 <222> (1)... (301)  
 <223> n = A,T,C or G

<400> 285  
 acatcaccat gatcggatcc cccacccatt atacgttgta tgtttacata aatactcttc 60  
 aatgatcatt agtgttttaa aaaaaatact gaaaaactcct tctgcattccc aatctctaac 120  
 caggaaagca aatgtatttt acagacctgc aagccctccc tcaaacnana ctattctctgg 180  
 attaaatagc tctgaattct tttagaggtca caagcctagg caaatgtctat ttacgatctg 240  
 caaaagctgt ttgaagagtc aaagccccc a tgcgaacacg atttctggac cctgtaaacg 300  
 t

<210> 286  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 286  
 taccaactgc tccagacctg ggtagacagag tgagactccg tctccaaaaa aaactttgct 60  
 tgtatattat ttctgctcta cagtgagatca tcttagtagg aaaggacagt aagatttttt 120  
 atcaaaatgt gtcatgcccag taagagctgt tatattcttc tctcattctc tcccacnana 180  
 aaaataagct acctatagc ttataagctc caaatthttg ccttttacct aaatgtgatt 240  
 gtttctgttc attggtatg cttcatcacc tatattagga aaattccatt ttttcccttg 300  
 t

<210> 287  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 287  
 tacagactct ggaaactaaat attaaaaatg agtctggctg gatatatgga gaatgtttgg 60  
 cccagaaagg acgtagagat cagatattac aacagctcttg ttttaggggt tagaaatctg 120  
 aaatgatctg gttatgaacg caccagtttag gccagcagggc cagaatccctg accctctgcc 180  
 ccggtgttat cctctcccca gtttggctgc ctcatgttat caccgtattc catthtcttt 240  
 gttgcatctc ttgtgaagtc attcaagatt tctgtctctg tttctctca tgggttaactg 300  
 t

<210> 288  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 288  
 gtacacctaa ctgcacagac agctgaggaa tctaattggc agccgctttt aaagaagtag 60  
 agtcaatagg aagacaaatt ccagttccag ctacgtctgg gtatctgcac agctgcacaa 120  
 gatcttttaa gacaaattca agagaatatt tecttaaaat tggcnaattg gagatcatag 180  
 aaaaagcatct gcttttgtga tttaatttag ctcatctggc cactggaaga atccaaacag 240  
 tctgccttaa ttttggatga atgcattgat gaaattcaat aatttagaaa gtttaaaaaa 300  
 a

<210> 289  
 <211> 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(301)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 289

ggtcacactgt tcccatgtta tgtttctaca catgtctacc tcaagtctcc tggaaaactta	60
gcttttgatg tctccaagta gtccaccttc atttaactct ttgaaactgt atcatctttrg	120
ccaaagttaga ttgggtggcct atttcagctg ctttgacaaa atgactggct cotgacttta	180
cgctctataa atgaatgtgc tgaagcnaag hgcctatggf gggggcgaan aagggaaaaga	240
tgtgttttgt ttgggactct ctgtgggtccc ttccaatgct gtgggtttcc aaacagngga	300
a	301

&lt;210&gt; 290

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(301)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 290

acactgagct ctctcttgata aatatacaga atgcttggga tatcaaatgt tctatactac	60
tgaatgatct gttcattttt ctccagagtc ttacgcccaa aagtttttcc accctaagtg	120
tcttgacact ctctcttaact caccagtggg atagaggcag aaccacctac aatgaacatg	180
yagttctatc aagagyyaga aacagcaacg aatccagtt ttaccattcg ctgagcattgc	240
tgccttgaaac aaaaacattt ctccatgtct cactttcttc atgcctcaag taacagttag	300
a	301

&lt;210&gt; 291

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 291

caggtaccaa ttctctctat cctagaasaa ttctctttta tgttgttgaa acatacaaac	60
tatacagcgt agatttcttt tctatgcttt cctgctatg gaaatttga cacattctgc	120
tttactcttr tgtttatagg tgaatcacia aatgtatttt taigtattct gtatgtcaat	180
agccatgggt gtttacttca tttaattcat ttgacataaa gaattatga aaaggcctaa	240
acatgagctt cacttcccca cttaactaatt agnattctgt atttcttaac agtaattgct	300
a	301

&lt;210&gt; 292

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(301)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 292

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accttttagt agtaattgtct aataataaat agaaatcaca ttttataagg tccatatagc      60
tgtattaaat aatttttaag tttaaaagat aaataaccat cattttaaat gttgggtatc      120
aaaaccaaaag natataacog aaaggaaaaa cagatgagac ataaaatgat ttgcnagatg      180
gggaatatag tастttatga atgtttnattt aattccagtt ataatagtgg ctacacactc      240
tcaactacaa cagagacccc acagtccctat atgccacaaa cacatttcca taacttgaaa      300
a                                                                                   361

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&lt;210&gt; 293

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 293

```

ggtaaccaagt gctgggtgcca gectgttacc tgtttctact gaaaagtctg gctaatgctc      60
ttgtgtagtc actttctgatt ctgacaatca atcaatccat ggcctagagc actgactggt      120
aacacaaaog tctactagcaa agtagcaaca gctttaaagtc taaatacaaa gctgtttctgt      180
gtggaatttt tttaaaaggc taattgtgata ataaacattg tcattttttaa tgtacctcgg      240
cgcgcgccac gctaaagcga attctgcaga tatccatcac actggcgggc gctcagagat      300
g                                                                                   361

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&lt;210&gt; 294

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(301)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 294

```

tgacccacaa caatatatcaa tagctatcctt tttaaetgct catcatttagc accaatgaag      60
attcaatasa attaccctta ttcaaacatc tcaaaacaaat tccgcacaa tttagtagag      120
tttaactata gtccacaganc ttaaatatcc acattgtcttt ctatgtctac tgaataaag      180
ttcactactt ttctgggata ttctttacaa aatcttatta aaatttcctgg tatttatcgc      240
cccaattata cagttagcaca accaccttat gtagttttta catgatagct ctgttagaggt      300
t                                                                                   361

```

&lt;210&gt; 295

&lt;211&gt; 305

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 295

```

gtactctttt tctaccctcc tctgaattta atkctttcaa cttgcaayct gcaaggatta      60
cacattttac tgtgatgtat attgtgttgc aaaaaaaaaa ggtcttttgc ttaaaattac      120
ttgttttgyg aatccatctt gctttttccc catgtggaact agtcatbaac ccatctctga      180
actggttagaa aaactcttga agagctagtc tatcagcctc tgacaggtga attgataggt      240
tctcagaacc atttcaacca gacagctgtt ttctatcttg ttttaataat tagttttgggt      300
tctct                                                                                   365

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&lt;210&gt; 296

&lt;211&gt; 361

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 296

```

aggtactatg ggaagctgct aaaaaatat ttgatagtaa aagtatgtaa tgtgctatct      60

```

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cacotagtag taaaactaaa ataaactgaa accttatgga atctgaagtt attttcttgg 120
atctaataaga attaataaao caatatgagg aaacatgaaa ccatgcaatc tantatcaco 180
tttgaasaag tgattgaagc aaccacttag ctctcagatg atgaacactg ataaagtcat 240
tgtcatctact ataaatttta aaatctgtta ataatagggc ctatagggag gaaaaagggg 300
c 361

```

&lt;210&gt; 397

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 297

```

acrgagtttt aactggagcg caagcaggca agggctggaag gtttgcctct ctcttgctta 60
aagggtttga aaactctgaa ggagaaatcat ttgacacaga agtacttaag agctagagaa 120
acaaagangt gaacacagctg aaagctctcg ggggaancct acatgtgtgt tttagggctgt 180
tccatcattg ggaagtgcac gccatccct caaaacttgt ctgggctggc ctgagtggtc 240
accgcacctc ggcgcgaccc acgctaagcc gaattctgca gatataccat acactggggg 300

```

&lt;210&gt; 298

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(301)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 298

```

tatggggttt gtaccccaaa agctgatgct gagaaaggcc tccctggggc cctctccgcg 60
ggcatctyag agacctggcg ttccagtggt ttgggaatg ggtcccagtg ccgcggcgctg 120
tgaagctctc agatcaatca cgggaaggcg ctggcggtgg tggccacctg gaaccacctc 180
gtctgtctg tttaacattc actaycaggt ttctctctgg cattaonatt tgtccccta 240
caacagtgac ctgtgcattc tgcctgagcc tgcgtgtctc gcaggtygct ctacagcgagg 300
t 361

```

&lt;210&gt; 299

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 299

```

gttttgagac ggggtttcac tcttggttgc cagactggac tgcaatggca ggggtctctg 60
tcactgaccc ctctgctctc caggtttagag caatctcctt gcctcagcct cccaggtagc 120
tgggattgca ggtccagcgc accataccca gctaattttt ttgtattttt agtagagagc 180
gagtttgcgc atgttggcca gctggtctca aactccggac ctcaagcgac ctgctgcctc 240
cggcctccca aagtgtctga attataggca tgagtcaaca cgcctcagct aaagtatatt 300
t 361

```

&lt;210&gt; 300

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapien



<400> 300  
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 taigtccacc aaccactggg aaagggtccc acctggctac ttcctctatc agctgggtca 120  
 gctgcaattcc acaaggctct cagcctaattg agtttcacta cctgcccagtc tcaaaaattta 180  
 gtaaaagcaag acccagacat tcccccaagg aaatccagagt ttgccccacc gtcttggttac 240  
 tataaagcct gcctctaaca gtccctgctt cttcacacca atcccgagcy catcccocat 300  
 g 301

<210> 301  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 301  
 ttaatttttt gagaggataa aaaggacaaa taatctagaa atgtgtcttc ttcagttctc 60  
 agagaccccc aggtctccaa gcaaacacat ggtcaagggtc atgaataatt aaaaagttgtt 120  
 gggaaactcac aaagacccc agagctgaga caccacacac agtgggagct cacaagaacac 180  
 ctccagagctg agacacccc aacagtggga gtcacacaaag accctcagag ctgagacacc 240  
 ccaaacagca cctcgttcag ctgcacatgt cgtgaataag gatgcacgt ccagaagtgt 300  
 t 301

<210> 302  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 302  
 aggtacacat tttagcttgg gtaaatgact cacaaaaactg attttaaaat caagttaatg 60  
 tgaattttga aaattactac ttaactctaa ttcacataaa caatggcatt aaggtttgac 120  
 ttgagtttgt tcttagtatt atttatggta aataggctct taccacttgc aaataactgg 180  
 ccacatcatt aatgactgac ttcccagtaa ggtctctcaa ggggtaaata gggagatcca 240  
 caggatttga gatgtaagg cccagagagt cgtttgatcc aacctcttta ttttagaggg 300  
 g 301

<210> 303  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 303  
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 atattgtttt ttgacagttt aacacatctt cttctgtcag agattcttct acaatagcac 120  
 tggctaatgg aactaccgct tgcctgttaa aaatggttgt ttgtgaaagt atcctagggc 180  
 agtaaaaggt atgtttttct aactgatctt ttgctgtctc caaagggacc tcaagacttc 240  
 cactgatttt atactcgggg tctagaaaag gagtttaact gttttccctc ataaattcac 300  
 c 301

<210> 304  
 <211> 301  
 <212> DNA  
 <213> Homo sapien

<400> 304  
 acatggagtc tarrttgcag actgtccacc tgaattctga ttgtctgac attgocaaat 60  
 tatctgttc agtttcagct taccactctt ttgtctgcaa catgcaraas agacagtgcc 120  
 ctttttagtg tatcatatca ggaatcatct cactattggt ttgtgcattt ctggtgcagt 180  
 gactttcag cactcggga aggtggagtt ggcataatgt ctccactgaa aaattactga 240

```

ttttccctttt gtaattaaa agtgggtgtg tgaagattcc ttgagatgag gatatattc 300
c 301

```

```

<210> 305
<211> 361
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

```

```

<400> 305
gagtgacagg gtgttcaagg taacaagaag aaaaaaatgt gagtggcctc ctgggatgag 60
caggggggaca gacctggaca gacctgttgt cctttgtgtc tgtgggtagg aaaaatgggcg 120
taaaaggagga gaaacagata caaaatctcc aactcagtat taaggatctc tcatgcctag 180
aatatttgta gaaacagaaa taacttcata tggcaaataa ctaacctagg tggaaacaaa 240
tcttgggaat taagtggat accaangaaa ctgtattaaa agagctgttc atggaataag 300
a 301

```

```

<210> 306
<211> 8
<212> PRT
<213> Homo sapien

```

```

<400> 306
Val Leu Gly Trp Val Ala Glu Leu
1 5

```

```

<210> 307
<211> 617
<212> DNA
<213> Homo sapien

```

```

<400> 307
acagggratg aagggaagg gagaggatga ggaagccccc ctggggattt ggtttggtcc 50
ttgugatcag gtggtctatg ggggttatcc ctacaaggaa gaattccaga ataggggcac 120
attgaggaat gatactttgag cccaaagagc attcaatcat tgccttatctt gctctmcttt 180
cacacacattg gtgaggggag gattaccacc ctggggttat gaagatggtt gaacacccca 240
cacatggcac cggagatatg agatcaacag tttctttggc atagagattc acagcccaga 300
gcaggaggac gcttgcacac catgcaggat gacatggggg atggctctgg gattggtgtg 360
aagaagcaag gactgtttaga ggcaggcttt atagtaacaa gacggtgggg caaactctga 420
tttcgttggg ggaatgtcat ggtcttgcct tactaaagtt tggacttggg aggtagttaa 480
actcatagg ctgagaacct tatggaatgc acttgaccca cctgataggg gaattagaca 540
ggcgggggac ttcccaagtg ggtgtgggac atatctggca agatcttctg gcaactctgg 600
ttacagatac tggggagaca aataaactg aatcttg 617

```

```

<210> 308
<211> 647
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(647)
<223> n = A,T,C or G

```

```

<400> 308
acgattttca ttatcatgtc aatcgggtca ctcaaggggc caaccacagc tgggagccac 60
tgctcagggg aaggtttcata tgggactttc tactgcccac ggtrctctac aggtatataa 120
ggngcctcac agtatagatc tggtagccaa gaagaagaaa caaacactga tctctttctg 180
ccaccctctt gaccctttgg aactcctctg accctttaga acagcctac ctaatatctg 240
ctagagaaaa gannacaaac ggcttcaaa gatctcttac catgaaggtc tcaagttaatt 300
cttggctaaag atgtgggttc cacatttaggt tctgaatatg ggggggaaggg tcaatttgtct 360
catttttgtgt gtggataaag tcaggatagcc gaggggccag agcaggggggc tgccttgtctt 420
gggaacaagt gctgagcata taaccctagg tlatggggaa caaaccaaca tcaaatgtaac 480
tgtatcaatt tgcattgaga cttgagggac ctgaatctac cgattcattc taaggcagca 540
ggacagcttt gagtggcaac aatgcagcag cagaatacaat gggaacaaac gaatgattgc 600
aatgtccttt ttttctctt gcttctgact tctatcaagg ggaacggt 647

<210> 309
<211> 460
<212> DNA
<213> Homo sapiens

<400> 309
actttatagt ttagggctga cattggaaaa aaaaaaagc cagaacaaca tctgatagat 60
aattatgatt gctgcacact tccagactga tgaatgatga acgttgatga ctatttgtatg 120
gagcacctct tcagcaagag ggggaaatcc tcaatcattt tggccagcag tctgtttgatc 180
accaaaactc atgcacgaat actcagcaaa ccttctctagc tcttgagaag tcaaatctcg 240
gggggaattta ttcctggcaa ttttaattgg actctcttatg tgaagcagcag gctcaccacag 300
ctgggggtggt ggaagcgaacc cgttactagt ggaactgtag tggcagagct cctggtaacc 360
acctagagga atacacaggg acatgtgtga tgcacaagct gacacctgta gcaactcaat 420
ttgtcttgtt tttgtcttct ggtgtgttaag attcttaagt 460

<210> 310
<211> 539
<212> DNA
<213> Homo sapiens

<400> 310
acgggactta tcaataaag ataggaaaa agaaaaactc aaattattata ggccgaatg 60
ctaaagggttt taaaatatgt caggattgga agaaaggcat gataaagac aaagtctcagt 120
taggaagagag aaacacagaa ggaagagaca caataaaagt cattatgtat tctgtgagaa 180
gtcagacagt aagattttgt ggaatatgggt tggtttgttg tatggatgt atctttagcaa 240
taactcttat ggcagagaaa gctaaatccc tttagatttc gtgaatgatc acttctgcaa 300
ttctcaagag taggcattgt gaaggagggt ttagagagga cagagacaca atgaactgac 360
ctagatagaa agcctctagta tactcagcta ggaatagtga tctcgagggc acactgtgac 420
acgattatgt cattacatgt atggtagtga tgggatgtat aggaaggaaag aaacttatggc 480
atatcttacc ccccccacaa gtcagttaaa tattgggaca caaacattcc aggtcaaga 539

<210> 311
<211> 526
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (526)
<223> n = A, T, C or G

<400> 311
caaatctgag ccaatgacct agaatcttac aaatcaagaa gcttattctg gggcccttcc 60
ttttgaagtt ttctctaaac tactaaagag gcaataatga tcaataaatt atattactca 120
cattttacag atttaaaatg tcttcagcat gaaatattag ctacagggga agctaaataa 180

```

attaacacatg	gaataaagat	ttgtctctaa	atataatcfa	caagaagact	ttgatatttg	240
ttttccacaa	gtgaagcatt	cttataaagt	gtcataacct	ttttggggaa	actatgggaa	300
aaaatgggga	aactctgaag	ggttttaagt	acuttacctg	aagctacaga	ctccataacc	360
ctctctttaa	gggagctcct	gcagccacct	cagaatagag	tggctgagat	tcttgattgc	420
acagcaagag	cttctcatct	aaacctttc	cttttttagt	atctgtgcat	caagatataa	480
agttctataa	actgtagtnt	acttatttta	atccccaaag	cacagt		526

<210> 312

<211> 500

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(500)

<223> n = A,T,C or G

<400> 312

cttctctctc	ccaccccc	gaactctagag	aactggggtt	ctctccagta	ctccagcaat	60
ctctctctga	aagcagttga	gcacatttat	cccaaaagac	actgcagctg	ctcaaaactt	120
ccattctctc	ttctctctca	ctcgccagtt	ttgttgactc	ccaacttgct	atgagtgtaa	180
gcattcaagg	cattatgctt	cttcgattct	gaagacaggg	ctgtctctatg	gatgactctg	240
gctctcttag	aaaatacttt	ttctccaaaa	ctagttagaa	attcaaaact	atcccccttt	300
tgcagatgtc	tacagacttc	agacatttgg	ttaagaacct	atgggaacaa	aaaaaatctt	360
tgtcaatgtg	gtttctcttg	taaacccaga	tctctatttg	ctgtgtatag	aatataagct	420
ctgaacgggt	ggtaaaagat	cttgtgtttg	aatataggag	aaatcagttc	gttgaagagt	480
tagtctaat	tatctattgg					500

<210> 313

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 313

ggagatttgt	gtggttttga	gccgagggag	accaggaaga	ctgtcatggt	gggaaggagc	60
tgaattataa	gaggtgagaa	ataagaagag	ctgtgacttt	taccatctga	ggccacacat	120
ctgtctgaat	ggagataaatt	aaatcacta	gaatacagaa	gatgacaata	taatgtctaa	180
gtagtgaact	gtttttgccc	atttccagcc	cttttaataa	tcacacacaa	caggaaagac	240
aaaaagagc	acagagatcc	ctgggagaaa	tgcctgggag	ccctcttggg	tcattgatga	300
gcctcgcctt	gtgcctgttc	ccgcttttga	gggaaggaca	ttagaaaaatg	aattgatgtg	360
ttctctaaag	gatggcagga	aaacagatcc	tgttgttgat	atttatttga	acgggattac	420
agattttgaa	tgaagtcaca	aagtgaagcat	tacccaatgag	aggaataacag	acgagaaaaat	480
cttgatgttt	cacagagcat	gcacacacaa	aaatggagta	ctgtgtgatc	acgagcagcc	540
aaactgggag	gagataccac	ggggcagagg	tcaggatctt	ggcctgtgct	ctcaactgtg	600
cgttatacca	atcattttca	tttctacctt	caacaaagct	gtngaatatc	tgacttccgg	660
ttctttggc	ccacattttc	atnatacaac	ctctctcttt	aannttantc	caaatgt	718

<210> 314

<211> 360

<212> DNA

<213> Homo sapiens

<400> 314

gtttttttac	attacagaaa	aaacatcaag	acaatgtata	ctatttcasa	tatatccata	60
catatccaaa	tatatgtcta	gtacatgttt	tcatttggtg	agattaccac	aaatgcaggg	120
caacatgtgt	agatctcttg	tcttattctt	tcgtctataa	tactgtattg	tgtagtccaa	180
gctctcggta	gtccagccac	tgtgaaacat	gctcctctta	gattaacctc	gtggagcctc	240
ttgttgtatt	gtgaaatgt	agtgcctctg	attttgcttc	tgtctgtgaa	tctctgtcgt	300
tctggggcat	ttccttctga	tgcagaggac	caccacacag	atgacagcaa	tctgaatt	358

&lt;210&gt; 315

&lt;211&gt; 341

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 315

taccacctcc	cgcctggcac	tgatgagccg	catacccatg	gtccaccaga	ccatgaaggc	60
atagggtgat	atgaggacat	ggaaatgggc	ccccaggatg	gtctgtccaa	agaaagcaggt	120
gacccccatt	ctgaagatgt	ctggaaacct	taccagccgg	atgatgatag	ccccaatgac	180
agtccaccag	tccccagcca	gcgggatata	gtccctaggg	gtcatgtagg	cttctctgaag	240
tggcttctgc	tgtaaagagg	tggtgtcccc	ggggctcctg	cggttatctg	tctctgggct	300
gagggggcgg	tagatgcaga	acatgggtgaa	gcagatgatg	t		341

&lt;210&gt; 316

&lt;211&gt; 151

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 316

agaatgggca	agactcttbc	gcccacact	gcaatttggt	cttggttgcg	tatccattta	60
tgtgggcctt	tctcggatgt	ctgattataa	acaccactgg	agcgatgtgt	tgaatggact	120
cattcagggg	gctctgggtg	caatattagt	t			151

&lt;210&gt; 317

&lt;211&gt; 151

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 317

agaactagtgt	gatactaatg	aaataacctga	aacatatatt	ggcattttat	aatggctcaa	60
atcttcattt	atctctggcc	ttacacctgg	ctctgaggcg	tggggccagc	agatcccagg	120
ccagggtctt	gtctcttgca	caactgcttg	a			151

&lt;210&gt; 318

&lt;211&gt; 151

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 318

actggtggga	ggcgtctgtt	agttggctgt	ttccagaggg	gtctcttgga	gggacctctt	60
gctgcaggct	ggagtgcttt	tattctctgg	gggagaccgc	acacttccact	gctgaggctg	120
ggggggcggt	ttatccagga	gtgataaaca	t			151

&lt;210&gt; 319

&lt;211&gt; 151

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 319

aactagtggg	tccagageta	taggtacagt	gtgatctnag	ctttgcaaac	acattttcta	60
catagatagt	actaggatatt	aatagatattg	taaaagaaga	aatacaccac	ttataatagg	120

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taagattggg kttatygat tttagtgggt a 151

<210> 320
<211> 150
<212> DNA
<213> Homo sapien

<400> 320
aacttagtggg tccactagtc cagtgtagtg gaattccatt gtgttggggt tctagatggc 60
gagagggtgc cctttttttt ttttttttgg ggggggaatt cttttttttt aatagttatt 120
gagtgttcta cagcttacag taaataccat 150

<210> 321
<211> 151
<212> DNA
<213> Homo sapien

<400> 321
agcaactcttg tttttctatc aggttatatt aggttttaga tttctcttca cactgcagtt 60
tgggttgcca ttgttaaccag ctatggcata ggtgttaacc aaaggtctgag taacatctgg 120
tgctcttgag aaatcaaaag ctccataaac t 151

<210> 322
<211> 151
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> {1}...{151}
<223> n = A,T,C or G

<400> 322
atccagcacc cttctctggt tcttgacctc ctttttttct ttcttaattt ctgcttgagg 60
tttgggcttg gtcagtttgc cacagggtct ggagatggcg acagtcttct ggcatttggc 120
attgtccagg gctcgtttca naattccagt t 151

<210> 323
<211> 151
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> {1}...{151}
<223> n = A,T,C or G

<400> 323
tgaggacttg tttctctttt cttttttttt aatctcttta cttgtcaaat atattgcta 60
nagactcaat tactaccacg ttgtgggttt twtggggaga atgttaactgg acagttagct 120
gttcasatya aaagacactt ancccatgtg g 151

<210> 324
<211> 461
<212> DNA
<213> Homo sapien

<220>

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<221> misc\_feature  
 <222> (1)...(461)  
 <223> n = A,T,C or G

<400> 324

acccgtgtgg	aatttcagct	tctctcatgc	aaaaggattt	tgtatccccc	gcctacttga	60
agaagtggtc	agctaaagga	atccagggtg	ttggttgga	tgtaataacc	ttgatgaaa	120
agagttacta	cgaatcccat	cttggttcca	gctatatcac	tgacagcatg	gtgagagact	180
gggaacccca	cttctagact	ttccaggtgg	gaagaaacgg	gttcagaaac	tgccaggggg	240
ctcatacagg	gatatcaaaa	taccccttgt	gctaccacgg	ccctggggga	tcaggtgaact	300
cacacaaatg	caatagttgg	tcactgcatt	tttacctgaa	ccaaagctaa	acccggtggt	360
gccaccatgc	accatggcat	gcccaggttc	aacactgttg	ctcttgaaaa	ttgggtctga	420
aaaaacgac	aagagccctt	gccctgacct	agctgagaca	c		461

<210> 325

<211> 400

<212> DNA

<213> Homo sapien

<400> 325

acactgtttc	catgttatgt	tctctcacat	tgctaacctc	gtgtctctgg	aaacttagct	60
tttgatgtct	ccagtagacc	naccttccat	taactctttg	aaactgtatc	atctttggca	120
tttagagatg	gtggccctatt	tcagttgcct	tgacaaaatg	actggctctc	gactttaact	180
tctataaatg	aattgtctga	agcaaatgtc	ccatggttgg	ggcgaagaag	agaaagatgt	240
gttttgtttt	ggactctctg	tggtcccttc	caatgctgtg	ggtttccaac	caggggaagg	300
gtcctttttg	catgccaag	tgccataacc	atgagactca	cgttaccttg	gtctcgtctc	360
ctggccaagc	aggtctgttt	gcaagaatga	aatgaatgat			400

<210> 326

<211> 1215

<212> DNA

<213> Homo sapien

<400> 326

ggaggactgc	agcccgacat	cgacgccctg	gcaggcggca	ctggtcatgg	aaaaagaaat	50
gkttctgctg	ggcgtctctg	tgcatccgca	gtgggtgtgt	tcagccggac	actgtttcca	120
gaactcctac	accatcgggc	tgggctcgca	cagttcttga	gcgcacaaag	agccaggagg	180
ccagtaggtg	gaggccaccc	tctccgacg	gcacccagag	tacaaacagc	cttctgtcgc	240
taacgacctc	atgtctcatc	agttggacga	atccgtgtcc	gagttctgca	ccatccggag	300
catcagcatc	gcttcgcatg	gccttaccgc	gggggaactc	tgcctcgttt	ctgggtgggg	360
tcagctggcg	aacggcagaa	tgcatccagt	gctgaagctg	gtgaacgtgt	cgttggtgtc	420
tcaggaggtc	tgccagtaag	tctatgacct	gctgtaccac	cccagcatgt	ctctgcgcgg	480
cggagggcga	gcacagaaag	actcctgcac	cgggtactct	ggggggcccc	tgatctgcaa	540
cgggtacttg	cagggccttg	tgtctttcgg	aaaagccccc	tgtggcccaag	ttggcgtgac	600
agggtctctac	accacactct	gcacattcac	tgagtgagata	gagaaaaacc	tcacggccag	660
ttactctctg	ggacttgga	cccatgaaat	tgacccccaa	atacactctg	gggaaggaaat	720
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<211> 220

&lt;212&gt; PRT

&lt;213&gt; Homo sapien

&lt;400&gt; 327

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Glu Asn Gln Leu Phe Cys Ser Gly Val Leu Val His Pro Gln Trp Val
 20           25           30
Leu Ser Ala Ala His Cys Phe Gln Asn Ser Tyr Thr Ile Gly Leu Gly
 35           40           45
Leu His Ser Leu Gln Ala Asp Gln Gln Pro Gly Ser Gln Met Val Glu
 50           55           60
Ala Ser Leu Ser Val Arg His Pro Glu Tyr Asn Arg Pro Leu Leu Ala
 65           70           75
Asn Asp Leu Met Leu Ile Lys Leu Asp Glu Ser Val Ser Glu Ser Asp
 85           90           95
Thr Ile Arg Ser Ile Ser Ile Ala Ser Gln Cys Pro Thr Ala Gly Asn
100          105          110
Ser Cys Leu Val Ser Gly Trp Gly Leu Leu Ala Asn Gly Arg Met Pro
115          120          125
Thr Val Leu Gln Cys Val Asn Val Ser Val Val Ser Glu Glu Val Cys
130          135          140
Ser Lys Leu Tyr Asp Pro Leu Tyr His Pro Ser Met Phe Cys Ala Gly
145          150          155
Gly Gly Gln Asp Gln Lys Asp Ser Cys Asn Gly Asp Ser Gly Gly Pro
165          170          175
Leu Ile Cys Asn Gly Tyr Leu Gln Gly Leu Val Ser Phe Gly Lys Ala
180          185          190
Pro Cys Gly Gln Val Gly Val Pro Gly Val Tyr Thr Asn Leu Cys Lys
195          200          205
Phe Thr Glu Trp Ile Glu Lys Thr Val Gln Ala Ser
210          215          220

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&lt;210&gt; 328

&lt;211&gt; 234

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 328

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&lt;210&gt; 229

&lt;211&gt; 77

&lt;212&gt; PRT

&lt;213&gt; Homo sapien

&lt;400&gt; 329

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 20           25           30
Phe Cys Ser Gly Val Leu Val His Pro Gln Trp Val Leu Ser Ala Thr
 35           40           45
His Cys Phe Gln Asn Ser Tyr Thr Ile Gly Leu Gly Leu His Ser Leu
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Gln Ala Asp Gln Glu Pro Gly Ser Gln Met Val Gln Ala  
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<210> 330

<211> 70

<212> DNA

<213> Homo sapien

<400> 330

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<210> 331

<211> 22

<212> PRT

<213> Homo sapien

<400> 331

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<210> 332

<211> 2507

<212> DNA

<213> Homo sapien

<400> 332

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<211> 3030

<212> DNA

<213> Homo sapien

<400> 333

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&lt;210&gt; 334

&lt;211&gt; 2417

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 334

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&lt;211&gt; 2984

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 335

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<210> 336

<211> 147

<212> PRT

<213> Homo sapien

<400> 336

Pro Ser Phe Pro Thr Leu Leu Ser Arg Arg His Leu Gly Ser Tyr Leu  
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 Leu Asp Ser Glu Asn Thr Ser Gly Ala Leu Pro Arg Leu Pro Gln Thr  
 20 25 30  
 Pro Lys Gln Pro Gln Lys Arg Ser Arg Ala Ala Phe Ser His Thr Gln  
 35 40 45  
 Val Ile Glu Leu Glu Arg Lys Phe Ser His Gln Lys Tyr Leu Ser Ala  
 50 55 60  
 Pro Glu Arg Ala His Leu Ala Lys Asn Leu Lys Leu Thr Glu Thr Gln  
 65 70 75 80  
 Val Lys Ile Trp Phe Gln Asn Arg Arg Tyr Lys Thr Lys Arg Lys Gln  
 85 90 95  
 Leu Ser Ser Glu Leu Gly Asp Leu Glu Lys His Ser Ser Leu Pro Ala  
 100 105 110  
 Leu Lys Glu Glu Ala Phe Ser Arg Ala Ser Leu Val Ser Val Tyr Asn  
 115 120 125  
 Ser Tyr Pro Tyr Tyr Pro Tyr Leu Tyr Cys Val Gly Ser Trp Ser Pro  
 130 135 140  
 Ala Phe Trp  
 145

<210> 337

<211> 9

<212> PRT

<213> Homo sapien

<400> 337

Ala Leu Thr Gly Phe Thr Phe Ser Ala  
 1 5

<210> 338

<211> 9

<212> PRT

<213> Homo sapien

<400> 338

Leu Leu Ala Asn Asp Leu Met Leu Ile  
 1 5

<210> 339

<211> 318

<212> PRT

<213> Homo sapien

<400> 339

Met Val Glu Leu Met Phe Pro Leu Leu Leu Leu Leu Pro Phe Leu  
 1 5 10 15  
 Leu Tyr Met Ala Ala Pro Gln Ile Arg Lys Met Leu Ser Ser Gly Val

20	25	30
Cys Thr Ser Thr Val Gln Leu Pro Gly Lys Val Val Val Thr Gly		
35	40	45
Ala Asn Thr Gly Ile Gly Lys Glu Thr Ala Lys Glu Leu Ala Gln Arg		
50	55	60
Gly Ala Arg Val Tyr Leu Ala Cys Arg Asp Val Gln Lys Gly Glu Leu		
65	70	75
Val Ala Lys Glu Ile Gln Thr Thr Thr Gly Asn Gln Gln Val Leu Val		
85	90	95
Arg Lys Leu Asp Leu Ser Asp Thr Lys Ser Ile Arg Ala Phe Ala Lys		
100	105	110
Gly Phe Leu Ala Glu Glu Lys His Leu His Val Leu Ile Asn Asn Ala		
115	120	125
Gly Val Met Met Cys Pro Tyr Ser Lys Thr Ala Asp Gly Phe Glu Met		
130	135	140
His Ile Gly Val Asn His Leu Gly His Phe Leu Leu Thr His Leu Leu		
145	150	155
Leu Glu Lys Leu Lys Glu Ser Ala Pro Ser Arg Ile Val Asn Val Ser		
165	170	175
Ser Leu Ala His His Leu Gly Arg Ile His Phe His Asn Leu Gln Gly		
180	185	190
Glu Lys Phe Tyr Asn Ala Gly Leu Ala Tyr Cys His Ser Lys Leu Ala		
195	200	205
Asn Ile Leu Phe Thr Gln Glu Leu Ala Arg Arg Leu Lys Gly Ser Gly		
210	215	220
Val Thr Thr Tyr Ser Val His Pro Gly Thr Val Gln Ser Glu Leu Val		
225	230	235
Arg His Ser Ser Phe Met Arg Trp Met Trp Trp Leu Phe Ser Phe Phe		
245	250	255
Ile Lys Thr Pro Gln Gln Gly Ala Gln Thr Ser Leu His Cys Ala Leu		
260	265	270
Thr Glu Gly Leu Glu Ile Leu Ser Gly Asn His Phe Ser Asp Cys His		
275	280	285
Val Ala Trp Val Ser Ala Gln Ala Arg Asn Glu Thr Ile Ala Arg Arg		
290	295	300
Leu Trp Asp Val Ser Cys Asp Leu Leu Gly Leu Pro Ile Asp		
305	310	315

&lt;210&gt; 340

&lt;211&gt; 483

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 340

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tggacacctgg tgggaggggc lutttagtgg gctgttttcc gagggtcttt tgggaggggc	120
ctctgtctgc aggtgggagt gtctttattc ctggcgggag accgcacatt ccactgctga	180
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ccctcaattt tctcttggc tgaagacggg gccggtgggt tcccgatgta actgacccct	300
gctccaaacg tgacatccact gatgtctttc tcgggggtgc tgatggcccg ctgtgtcaag	360
tgctcaatct egccattcga ctcttgctcc aaactgtatg aagacacctg actgcacgtt	420
tcttctgggc ttccagaatt taaagtgaag ggcagcactc ctaagctccg actccgatgc	480
ctg	483

&lt;210&gt; 341

&lt;211&gt; 344

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 341

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tatttttact	aaccattcca	tttttataga	aatagctgag	agttttctaaa	ccactctct	120
gtgtgcttac	aagtattaaa	tattttactt	ctttccataa	agagtagctc	aaaaatgtca	180
attaatttaa	taattttctga	tgatgtgttt	atctgcagta	atatgtatct	cacttatctag	240
aatttactta	atgaaaaaact	gaagagaaca	aaatttggaa	ccactgacac	ttaagtactc	300
ctgattctta	acattgtctt	taatgaccac	aagacaacca	acag		344

&lt;210&gt; 342

&lt;211&gt; 592

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 342

acagcaaaaa	agaaactgag	aagcccaat	tgctttcttg	ttacatcca	cttatccaa	60
caatgtggaa	acttcttata	ctgtgttcca	ttatgaagtt	ggacaattgc	tgctatccaa	120
ctgtgcagg	aaaccaatgc	caagagagtg	atggaaacca	tggcangac	ttgtttgatg	180
acacaggattg	gaattttata	aaaatattgt	tgatgggaa	tgtctaaagg	gtgaattact	240
tcctccagaa	gagtgtaag	aaaagtcaga	gatgctata	tacagctat	ttcaattggc	300
aagtgcact	gtggaaagag	ttcctgtgtg	tgctgaagg	ctgaagggtc	gtcaaatcca	360
tcagtcagg	ctgttttggt	caaatgcaca	agcacaggtc	tttttagcat	gctgtctct	420
ccctgtctct	tatgcataa	atcgtctctt	cttaaatctc	tcctagggtt	caatttccaa	480
agttctctct	ggtttgtgt	gtctttcttg	ctttccatta	atctataaaa	atagtaggtc	540
ttcagccacc	caactctctg	cttagcttga	cogtgagttc	cggctgongc	tg	592

&lt;210&gt; 343

&lt;211&gt; 382

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 343

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ctgactgcct	aaggggctca	gaacccagc	aatcccttcc	tttccactcc	ttcttttttg	300
ggggtagctg	gaagggaact	aaattgtggg	gggaaggtag	gaggacactc	aataaaggagg	360
aaacccacca	gctgaaaaaa	aa				382

&lt;210&gt; 344

&lt;211&gt; 536

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 344

ctgggtctga	agctgtagg	taaaatcag	gcaggcttct	gagtgatgag	agtcctgaga	60
caatagccca	cataaacctg	gctggatgga	acctcccaat	aagtgagtc	ctctctgttt	120
gtttaggggg	atgccaaagg	taaggccagc	tcagttatat	gaagagaagg	agaaacaaaca	180
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caactctatg	tgcctgaagt	gttgccaggt	cagaaaaaatc	caacccctac	gagtgccggt	300
tcgacctcat	atcccccgcc	cgcgtccctt	tcctccataa	attctcttta	gtagctatta	360
ccctctctct	atttgatctta	gaaattgcct	tcctttttac	cttaccatga	gccctacaaa	420
caactaacct	gcacataata	gttatgtcat	ccctcttatt	aatctctatc	ctagccctaa	480
gtctggccta	tgagtgacta	caaaaaggat	tgaactgagc	cgaataacaa	aaaaaa	536

&lt;210&gt; 345

&lt;211&gt; 251

<212> DNA  
<213> Homo sapien

<400> 345  
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gggtggggcca ggaaatcaca tctacactg cccaggagcc agacacattc atggaacaga 180  
aaataacata tgggatttgg agagacactg ccaactggct ggagattaat ccggacactg 240  
gtgcatttc c 251

<210> 346  
<211> 282  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1) ... (282)  
<223> N = A,T,C or G

<400> 346  
cgggtctctg acactgtgat catgacaggg gtccaacacg aaagtgcctg ggcctctctt 60  
ctaagtcttg ttaccacaaa aaggaaaaag aaaagatctt ctccgttaca aattctggga 120  
agggtgacta taccctggcc ttgccttaag tgagaggtct tccctcccg accaaaaaat 180  
agaaaggctt tccatttcc cggcccaggt agggggaaag agagtaactt tgagtctgtg 240  
ggtctctatt cccaaggtgc ctccaatgt catnaaaacc aa 282

<210> 347  
<211> 201  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1) ... (201)  
<223> N = A,T,C or G

<400> 347  
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tctgagactg actggacctc cctagaccca gggccaaagat acatgttacc atatcatctt 180  
tataaagaaat tttttttgt c 201

<210> 348  
<211> 251  
<212> DNA  
<213> Homo sapien

<400> 348  
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agagagaaca gtgcagaat gaaactgacc ctaagtccca ggtgcctctg ggcaggcaga 120  
aggagacact cccagcatgg aggaggggtt atcttttcat cctaggtcag gtctacaaat 180  
ggggaaaggt ttattataga actcccaaca gccacacctc ctctctccac ccccccgatg 240  
gacctcttc c 251

<210> 349  
<211> 251  
<212> DNA



&lt;213&gt; Homo sapien

&lt;400&gt; 349

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aaacccctgag	gatgcacag	ctatgggtcc	agaacatggt	gtggattatt	caacagagtt	120
cagaagggtc	tgaactctac	gtgttaaccg	agaacataat	gcaatccatg	cattccactt	180
agcaattttg	taaaatacca	gaacacagac	ccaagagtct	tccagatga	ggaaaaatca	240
actctctggt	t					251

&lt;210&gt; 350

&lt;211&gt; 908

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 350

ctggacactt	tgcgagggt	tittgttggt	gctgtgtgct	cccgctatgc	tactcatcgt	60
agcccccgcg	gtgaagctcg	ctgcttctcc	taactcttha	agtgactgac	aaacgcccac	120
cggctggaa	tgcctcgggt	atgatgacag	agaaaatgat	ctctctctct	gtgacacaaa	180
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gtgtcaatatt	gactgtttct	aaaccaaact	caactccctc	tggcctttct	atgggaaatc	540
ttatgataat	gcattgccaa	tcaaaagagc	atcgtgtcag	aaacaggaga	aaattgaggt	600
catgtctctg	ggctgatgac	aagataaacac	aactacaact	actaagtctg	aagatgggga	660
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aaaaaaggac	tacagtgttc	tatacgttgc	tcocggtctc	gtacgatttc	agtatgtctt	900
aatgcag						908

&lt;210&gt; 351

&lt;211&gt; 472

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 351

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catataactg	atttttaaat	cagwtttggy	agtcattttac	cacaagctaa	atgtgtcacac	180
tatgataaaa	acaacacttg	tattctcgtt	tttctaaaca	gtcccaattt	ctaacactgt	240
atatatctct	cgaaatcaat	gaactttggt	tttttttaact	ccagtaataaa	agtaggcaca	300
gactgtctca	caacaaactt	gocctctcat	gccttgcttc	tcacccatgt	ctgctccagg	360
taacgcccct	tttggcctgt	ttgttttgct	aaaaacctaa	ctgtgctctt	gattttcttg	420
gtaatatata	tttagggag	atgttgcctt	gccacacac	gaaggcaagt	aa	472

&lt;210&gt; 352

&lt;211&gt; 251

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 352

ctcaaaagcta	atctctcggg	aatcaaaaac	gaaaagggca	agyatcttag	gcatggttga	60
tgtggataag	gccaggtcaa	tggctgcag	catgcagaga	aagaggtaca	tcggagcgtg	120
caggctcgtg	tccgtctcta	cgatgaagac	cagatgcag	tttctaaaca	ctgcactaac	180
atacctggaa	aggaggggga	agccaaacca	gaatatgggt	ttctctaact	ctgggataac	240
aataaggcaca	a					251

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 <211> 436  
 <212> DNA  
 <213> Homo sapien

<400> 353  
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 gtatccaaaa gcaaaaacagc agatatadca aattaaagag acagaagata gcatttaaca 180  
 gataaggcaa ctatatacat gacaatncaa atccaatana tttanaacatt tggggaaatga 240  
 gggggacaaa tgggaagcar atcaaatatt tgtaaaacta ttcagtatgt ttcctcttgt 300  
 tcatgtctga aaaggtctct ctttcaatgg ggtatgacaa ctccaaatgc cacacaaatg 360  
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 gggctctcaa ttagtag 436

<210> 354  
 <211> 854  
 <212> DNA  
 <213> Homo sapien

<400> 354  
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 atcaggagac acccttttgg tggatatttt gcttaactcg caactcttga gtatgatcat 180  
 ctggcagtag aagctgtctt ctaggtacac tctcttagct catgtacaaa aacactctga 240  
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 gagtaccatg agtaattggg tagatgtgtg tgggtgtgtct tcatctctgc aagggtgtct 480  
 cttagggagt gtttccagga ggaacaagtc tgaacacaa catgaataa atggtagggt 540  
 tgaactggaa aactaatcca aaagagagat cgtgatatca gtgtggttga taacacttgg 600  
 caatatggaa ggcctcaat tgcacatatt tgaataata attcagcttt ttgtaataaa 660  
 aaatacaaaa ggatttgaga tcatggtgtc taatgtataa aagaccagg aaacataaat 720  
 atatcaactg cataaatgta aatgtcatgt gacccaagaa gggcccaagg tggcagacaa 780  
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 acscggagat ttag 854

<210> 355  
 <211> 676  
 <212> DNA  
 <213> Homo sapien

<400> 355  
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 atccacagat catacttga tgcacagaa gagggcacgg aggcagcagc agccactggg 180  
 gacagctcgc ctgtaaaaag cctacaaatg agagctcagt tcaaggcaga ccaacctctc 240  
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 gcttaaaaga aaccag 676

<210> 356

<211> 574  
 <212> DNA  
 <213> Homo sapien

<400> 356  
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 gtctctttagg gaggtctaaa tctgtctccag gtgtgtctaa agtgcacagc caaggygggtc 240  
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<210> 357  
 <211> 393  
 <212> DNA  
 <213> Homo sapien

<400> 357  
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 aagccacac caactactga ttttatcaac aaaaacccct aatatataac ggaacaaaag 180  
 atagacacaa tttctccagt ttttttcaaa ctcaacarat attcacttgc cgaacttara 240  
 araatatcag tgttatatgg aaaggaagggc attcaagcac actcaaaaaa cttgagggaa 300  
 gcaataactg tacaaaatta aactgtcctt tttggcattt taacaaattt gcaacgktct 360  
 tttttttttt tttttgtttt tttttttttt tac 393

<210> 358  
 <211> 630  
 <212> DNA  
 <213> Homo sapien

<400> 358  
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 gcatagagta gggagacata tccagccacag gggaggtcaca gagacatccc taaggaaagt 180  
 gagttttaa ctagagaaagc aagtgcctaa actgaaggat gtgtttgaaga agaaaggaga 240  
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 attaaagatg tgaagatata gatcttgggt gaaattccagg attggcactc ctacacagaa 420  
 tcaactgaagg gagtaatgt acattacttt tcaactccag atggccattc taactccagg 480  
 gggtagactg gactaggtta gactggaggg aggttagact cttctaaggc atgcagagt 540  
 gaagagcaaa aataagtggt gaaattcagg ggaatagtaa aatcagtagg acttaaatgag 600  
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<210> 359  
 <211> 620  
 <212> DNA  
 <213> Homo sapien

<400> 359  
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 ctcdccagaa gaataaagt ctctgcaggt tattaaagga ttaactgctg tgaattaaat 180  
 atggcttctt caaggggaaa tagagagatt ctcttgatt atgttcaata tttatttca 240

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aggattaact gtttttagga cagatatcaa gcttcgccac ggaagagatg gacaaagcac 300
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tgcacacatta tgcttcattg ataatatgta gaaagaaagg ctgatgaaaa tgacatccct 420
atgtgaagat aactttatga gaattctctgg tcaataaaaa tcttttgaag aaacatccca 480
aatgtcattg acttatcaaa tactatcttg gcataatacc tatgaaggca aaactaaaaa 540
aacaaaaagc tcacacaaaa caaaaccatc aacttatctt gtatctcata acatacagaa 600
ctgtaaagat gtgacagtgt

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&lt;210&gt; 360

&lt;211&gt; 431

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 360

```

aaaaaaaaa agccagaaca acatgtgate gataatatga ttggctgcac acttcagac 60
tgatgaatga tgaacgtgat ggaactattgt atggagcaca tcttcagcaa gagggggaaa 120
tactcatcat tttggccag cagttgtttg atcaccnaac atcatgocag aatactcagg 180
aaactcttct agctcttgag aagttcaaat cggggggaat ttattctctg caattttaat 240
tggactctct atgtgagagc agcggctacc cagctggggg ggtggagcaa acccgtcaat 300
agtggacatg cagtgccaga gctcctggta accacctaga ggaatacaca ggcacatgtg 360
tgatgocaa ggtgacacct gtagaaccca aatttgtctt gtttttgtct ttccgtgtgt 420
agattcttag t

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&lt;210&gt; 361

&lt;211&gt; 351

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 361

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acatbtgattt cagatcaaaa gaatcatcat cttaaccttg acttttcagg gaattactga 60
actttctctt cagagcatag ggcacagcca ttgctttggc ctacactgaa ggytctgcac 120
ttgggtctctc tgggtctctg ccaagtcttc cagcgaactcg agggagaaaa atcggggaggt 180
ttgactctct cgggggcttt ccgaggggct tcaacgttag ccttgaggcc ctacggggctg 240
caactctgga tcaaatgtct gaaaacctcg tctctgacct ctggactctt gaagcagtaa 300
ctgccaactct gtctctcagg ctgacagct cctcatctgt ggtcctgtgt t 351

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&lt;210&gt; 362

&lt;211&gt; 463

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 362

```

acttcctcag gccataatgg gtgcctcccg tsagaatcca agcacctttg gactgcgaga 60
tgatgatgag cggcgtgaag atcttgccga tgcgcggctt caggcggaag tctctggcgc 120
cccggtgac agaaatgacc aggttgggtg ttttcagggt ccagtcctgg gtcacagagt 180
cgttaagatg ttcgcgtctc gtgtgcgagg acagacgtat ataactctct tctctcccca 240
gtgtctcaaa ctgaattatc ccaaggcggt cggtaggaaa tctcttgggt tctctcttgt 300
agttccattt ctcaactttg ttgactctgg tgccttccat gtgtcgtctc tgggcatagc 360
cacactctga cacactctcc ctgataagca cgaatggtgc gacaggaagg aaggattcca 420
ttgagcctgc ttatggaacc tgggtatgtt agcttaataa gac 463

```

&lt;210&gt; 363

&lt;211&gt; 653

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... [553]

&lt;223&gt; n = A, T, C or G

&lt;400&gt; 363

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tgggagggac	tacgcgaag	gggaactgcgt	cctgggggtga	gacatcctct	ccttggagat	180
ctaacgaaac	ttctcaacta	tgaattgtaa	agcagaacaa	cctgnaeac	agacgagtg	240
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tggcagatg	naagtgttga	gactcatggc	agaggcttcag	aaaagagacc	cttcgtgact	360
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attttggaga	tccttggtcc	agaattccat	ttacctctcg	ggccagatcc	caccagaatg	600
ccgcctccag	atttccctag	acctttgcgg	gtcccattat	tgtctctggt	ggc	653

&lt;210&gt; 364

&lt;211&gt; 401

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 364

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acaaagccaa	tgaatgcttc	taaaaacaa	atttaccatt	aatggtttgt	agacacataa	120
aaaacacaggt	ggctagatct	agaattgtta	catcttcaag	aaaccttagc	attttgacga	180
tgaagaagct	caattataga	tgcacaagta	taactaaact	acrtatagtag	taaaagaaata	240
caatttcacac	ccttcactata	aattcactat	cttggcttga	ggcactccat	aaaatgtatc	300
acgtgcatag	taaatcttta	tatttgcata	ggcgttgcac	tggaggactt	ggactgcacac	360
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&lt;210&gt; 365

&lt;211&gt; 356

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 365

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gactgtccag	atgtgtatag	tacagtttga	caagcctggg	tccatcacga	cgcgttgaga	300
acattggcca	atgtcccttc	tgtagccagt	ttcttcttcg	aggtcccgga	gagcag	356

&lt;210&gt; 366

&lt;211&gt; 1851

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 366

tcatacccat	tgcacagcag	ggcacccgta	gtcaggtttt	ctgggaatcc	cccatgagta	60
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tcacttctct	taagcctttg	tgaactctcc	tcagatgtca	gctttaaagc	tgtttcttga	180
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cagcagaagt	gagagccgtc	cttccatctc	tatccagcgc	atttcaattc	gctttttctt	420
tgaataaaaa	tttccacact	tgtgtttttt	gtcatgttat	accagtagc	agtggttga	480
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cttttcccca	tgttatatta	tgttggctgt	gggctgtgta	tagggtgttt	ttattacttt	1800
aaggratgac	cctctctatg	ctgttttgc	gagggtttts	atctctgtgc	c	1860

&lt;210&gt; 367

&lt;211&gt; 668

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 367

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gagtggtatt	tcacatacta	tctggaaat	tggagtcagt	gcaatgttcc	agcaacatta	240
acgcacattc	atcttctctg	gattgtadgg	ccgtctcagta	ttagacccaa	aaacaaatta	300
catatctttag	gaattccaaa	taacattcca	cagcttctcc	caactagtta	tattttaaagg	360
agaaaactca	tttttatgcc	atgtattgaa	atcaaaccca	ctctatgtcg	atatagtgtg	420
ctactgcata	ctttatcag	agctgtctct	tttttgttgt	caaggacatt	aagttgacat	480
cgctatgtcca	gcagagagtt	tactactctt	gaattcccat	tggcagaggg	cagatgtaga	540
gcagtcctat	gagagtgaga	agaattttta	ggaaatttga	gtgcacttgc	tccagccata	600
gcactgtctc	atgttaactgc	aaacactgaa	tacgtctgta	tactcttgc	ttcaaaaaaa	660
aaaaaaaaa						668

&lt;210&gt; 368

&lt;211&gt; 1512

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 368

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tgatctcgtg	cc					1512

&lt;210&gt; 369

&lt;211&gt; 1853

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 369

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&lt;210&gt; 370

&lt;211&gt; 2184

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 370

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ctcaaaaaaa	aaaaaaaaaa	aaaa				2184

&lt;210&gt; 371

&lt;211&gt; 1855

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1855)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 371

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&lt;216&gt; 372

&lt;211&gt; 1659

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;409&gt; 372

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&lt;210&gt; 373

&lt;211&gt; 1155

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;408&gt; 373

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------------	------------	------------	-------------	------------	------------	----

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accagaataa	ataaa					1155

&lt;210&gt; 374

&lt;211&gt; 2006

&lt;222&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 374

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<210> 375

<211> 2046

<212> DNA

<213> Homo sapien

<400> 375

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<210> 376

<211> 329

<212> FRT

<213> Homo sapien

<400> 376

Met Asp Ile Val Val Ser Gly Ser His Pro Leu Trp Val Asp Ser Phe  
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 20 25 30  
 Glu Tyr Thr Ile Val His Ala Ser Phe Ile Ser Cys Ile Ser Ser Ser  
 35 40 45  
 Leu Asp Gly Gln Gly Glu Arg Gln Glu Gln Arg Gly His Phe Trp Arg  
 50 55 60

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Pro Gln Arg Leu Leu Cys Glu Asp Ala Trp Glu Gln Glu Val Gln Val
65      70      75      80
Val Leu Pro Leu Leu Pro Leu Leu Gln Gly Ser Gly Lys Ser Asn Val
      85      90      95
Val Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe Met Asp Pro Arg Tyr
100      105      110
His Val His Gly Glu Asp Leu Asp Lys Leu His Arg Ala Ala Trp Trp
115      120      125
Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met Leu Arg Asp Thr Asp
130      135      140
Val Asn Lys Arg Asp Lys Gln Lys Arg Thr Ala Leu His Leu Ala Ser
145      150      155      160
Ala Asn Gly Asn Ser Glu Val Val Lys Leu Val Leu Asp Arg Arg Cys
165      170      175
Gln Leu Asn Val Leu Asp Asn Lys Lys Arg Thr Ala Leu Thr Lys Ala
180      185      190
Val Gln Cys Gln Glu Asp Glu Cys Ala Leu Met Leu Leu Glu His Gly
195      200      205
Thr Asp Pro Asn Ile Pro Asp Glu Tyr Gly Asn Thr Thr Leu His Tyr
210      215      220
Ala Val Tyr Asn Glu Asp Lys Leu Met Ala Lys Ala Leu Leu Leu Tyr
225      230      235
Gly Ala Asp Ile Glu Ser Lys Asn Lys His Gly Leu Thr Pro Leu Leu
240      245      250      255
Leu Gly Ile His Glu Gln Lys Gln Gln Val Val Lys Phe Leu Ile Lys
260      265      270
Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr Gly Arg Thr Ala Leu
275      280      285
Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile Val Ser Pro Leu Leu
290      295      300
Glu Gln Asn Val Asp Val Ser Ser Gln Asp Leu Glu Arg Arg Pro Glu
305      310      315      320
Ser Met Leu Phe Leu Val Ile Ile Met
325

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&lt;210&gt; 377

&lt;211&gt; 148

&lt;212&gt; PRT

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; VARIANT

&lt;222&gt; (1)...(148)

&lt;223&gt; Xaa = Any Amino Acid

&lt;400&gt; 377

```

Met Thr Xaa Pro Ser Trp Ser Pro Gly Thr Thr Ser Val Glu Lys Ile
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Trp Thr Ser Ser Thr Glu Leu Pro Trp Trp Gly Lys Val Pro Arg Lys
20      25      30
Asp Leu Ile Val Met Leu Arg Asp Thr Asp Val Asn Lys Xaa Asp Lys
35      40      45
Gln Lys Arg Thr Ala Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu
50      55      60
Val Val Lys Leu Xaa Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp
65      70      75      80
Asn Lys Lys Arg Thr Ala Leu Xaa Lys Ala Val Gln Cys Gln Glu Asp
85      90      95

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Glu Cys Ala Leu Met Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro  
 100 105 110  
 Asp Glu Tyr Gly Asn Thr Thr Leu His Tyr Ala Xaa Tyr Asn Glu Asp  
 115 120 125  
 Lys Leu Met Ala Lys Ala Leu Leu Tyr Gly Ala Asp Ile Glu Ser  
 130 135 140  
 Lys Asn Lys Val  
 145

<210> 378  
 <211> 1719  
 <212> PRT  
 <213> Homo sapien

<400> 378  
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 35 40 45  
 His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys Met Gly Lys Trp  
 50 55 60  
 Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Val  
 65 70 75 80  
 Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Asn  
 85 90 95  
 Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser  
 100 105 110  
 Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe  
 115 120 125  
 Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu Asp Lys Leu His  
 130 135 140  
 Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met  
 145 150 155 160  
 Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Gln Lys Arg Thr Ala  
 165 170 175  
 Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Lys Leu Leu  
 180 185 190  
 Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn Lys Lys Arg Thr  
 195 200 205  
 Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Glu Cys Ala Leu Met  
 210 215 220  
 Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp Glu Tyr Gly Asn  
 225 230 235 240  
 Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met Ala Lys  
 245 250 255  
 Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys His Gly  
 260 265 270  
 Leu Thr Pro Leu Leu Leu Gly Val His Glu Gln Lys Gln Glu Val Val  
 275 280 285  
 Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr  
 290 295 300  
 Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile  
 305 310 315 320  
 Val Ser Leu Leu Leu Glu Gln Asn Ile Asp Val Ser Ser Gln Asp Leu  
 325 330 335  
 Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser His His Val

340 345 350  
 Ile Cys Glu Leu Leu Ser Asp Tyr Lys Glu Lys Gln Met Leu Lys Ile  
 355 360 365  
 Ser Ser Glu Asn Ser Asn Pro Glu Asn Val Ser Arg Thr Arg Asn Lys  
 370 375 380  
 Pro Arg Thr His Met Val Val Glu Val Asp Ser Met Pro Ala Ala Ser  
 385 390 395 400  
 Ser Val Lys Lys Pro Phe Gly Leu Arg Ser Lys Met Gly Lys Trp Cys  
 405 410 415  
 Cys Arg Cys Phe Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly  
 420 425 430  
 Thr Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys  
 435 440 445  
 Met Gly Lys Trp Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly  
 450 455 460  
 Lys Ser Asn Val Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys  
 465 470 475 480  
 Thr Leu Arg Asn Lys Met Gly Lys Trp Cys His Cys Phe Pro Cys  
 485 490 495  
 Cys Arg Gly Ser Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp  
 500 505 510  
 Asp Ser Ala Phe Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu  
 515 520 525  
 Asp Lys Leu His Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp  
 530 535 540  
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 545 550 555 560  
 Lys Arg Thr Ala Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val  
 565 570 575  
 Val Lys Leu Leu Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn  
 580 585 590  
 Lys Lys Arg Thr Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Glu  
 595 600 605  
 Cys Ala Leu Met Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp  
 610 615 620  
 Glu Tyr Gly Asn Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys  
 625 630 635 640  
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 Asn Lys His Gly Leu Thr Pro Leu Leu Leu Gly Val His Glu Gln Lys  
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 675 680 685  
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 Ser Ala Ser Ile Val Ser Leu Leu Leu Glu Gln Asn Ile Asp Val Ser  
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 Ser Gln Asp Leu Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser  
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 His His His Val Ile Cys Gln Leu Leu Ser Asp Tyr Lys Glu Lys Gln  
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 Met Leu Lys Ile Ser Ser Glu Asn Ser Asn Pro Glu Gln Asp Leu Lys  
 755 760 765  
 Leu Thr Ser Glu Glu Glu Ser Gln Arg Phe Lys Gly Ser Glu Asn Ser  
 770 775 780  
 Gln Pro Glu Lys Met Ser Gln Glu Pro Glu Ile Asn Lys Asp Gly Asp  
 785 790 795 800  
 Arg Glu Val Glu Glu Glu Met Lys Lys His Glu Ser Asn Asn Val Gly

805 810 815  
 Leu Leu Glu Asn Leu Thr Asn Gly Val Thr Ala Gly Asn Gly Asp Asn  
 820 825 830  
 Gly Leu Ile Pro Gln Arg Lys Ser Arg Thr Pro Glu Asn Gln Gln Phe  
 835 840 845  
 Pro Asp Asn Glu Ser Glu Glu Tyr His Arg Ile Cys Glu Leu Val Ser  
 850 855 860  
 Asp Tyr Lys Glu Lys Gln Met Pro Lys Tyr Ser Ser Glu Asn Ser Asn  
 865 870 875 880  
 Pro Glu Glu Asp Leu Lys Leu Thr Ser Glu Glu Glu Ser Gln Arg Leu  
 885 890 895  
 Glu Gly Ser Glu Asn Gly Gln Pro Glu Leu Glu Asn Phe Met Ala Ile  
 900 905 910  
 Glu Glu Met Lys Lys His Gly Ser Thr His Val Gly Phe Pro Glu Asn  
 915 920 925  
 Leu Thr Asn Gly Ala Thr Ala Gly Asn Gly Asp Asp Gly Leu Ile Pro  
 930 935 940  
 Pro Arg Lys Ser Arg Thr Pro Glu Ser Gln Gln Phe Pro Asp Thr Glu  
 945 950 955 960  
 Asn Glu Glu Tyr His Ser Asp Glu Gln Asn Asp Thr Gln Lys Gln Phe  
 965 970 975  
 Cys Glu Glu Gln Asn Thr Gly Ile Leu His Asp Glu Ile Leu Ile His  
 980 985 990  
 Glu Glu Lys Gln Ile Glu Val Val Glu Lys Met Asn Ser Glu Leu Ser  
 995 1000 1005  
 Leu Ser Cys Lys Lys Glu Lys Asp Ile Leu His Glu Asn Ser Thr Leu  
 1010 1015 1020  
 Arg Glu Glu Ile Ala Met Leu Arg Leu Glu Leu Asp Thr Met Lys His  
 1025 1030 1035 1040  
 Gln Ser Gln Leu Pro Arg Thr His Met Val Val Glu Val Asp Ser Met  
 1045 1050 1055  
 Pro Ala Ala Ser Ser Val Lys Lys Pro Phe Gly Leu Arg Ser Lys Met  
 1060 1065 1070  
 Gly Lys Trp Cys Cys Arg Cys Phe Pro Cys Cys Arg Glu Ser Gly Lys  
 1075 1080 1085  
 Ser Asn Val Gly Thr Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr  
 1090 1095 1100  
 Leu Arg Ser Lys Met Gly Lys Trp Cys Arg His Cys Phe Pro Cys Cys  
 1105 1110 1115 1120  
 Arg Gly Ser Gly Lys Ser Asn Val Gly Ala Ser Gly Asp His Asp Asp  
 1125 1130 1135  
 Ser Ala Met Lys Thr Leu Arg Asn Lys Met Gly Lys Trp Cys Cys His  
 1140 1145 1150  
 Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Lys Val Gly Ala Trp  
 1155 1160 1165  
 Gly Asp Tyr Asp Asp Ser Ala Phe Met Glu Pro Arg Tyr His Val Arg  
 1170 1175 1180  
 Gly Glu Asp Leu Asp Lys Leu His Arg Ala Ala Trp Trp Gly Lys Val  
 1185 1190 1195 1200  
 Pro Arg Lys Asp Leu Ile Val Met Leu Arg Asp Thr Asp Val Asn Lys  
 1205 1210 1215  
 Lys Asp Lys Gln Lys Arg Thr Ala Leu His Leu Ala Ser Ala Asn Gly  
 1220 1225 1230  
 Asn Ser Glu Val Val Lys Leu Leu Leu Asp Arg Arg Cys Gln Leu Asn  
 1235 1240 1245  
 Val Leu Asp Asn Lys Lys Arg Thr Ala Leu Ile Lys Ala Val Gln Cys  
 1250 1255 1260  
 Gln Glu Asp Glu Cys Ala Leu Met Leu Leu Glu His Gly Thr Asp Pro

1265                      1270                      1275                      1280  
 Asn Ile Pro Asp Glu Tyr Gly Asn Thr Thr Leu His Tyr Ala Ile Tyr  
                                  1285                      1290                      1295  
 Asn Glu Asp Lys Leu Met Ala Lys Ala Leu Leu Leu Tyr Gly Ala Asp  
                                  1300                      1305                      1310  
 Ile Glu Ser Lys Asn Lys His Gly Leu Thr Pro Leu Leu Leu Gly Val  
                                  1315                      1320                      1325  
 His Glu Gln Lys Gln Gln Val Val Lys Phe Leu Ile Lys Lys Lys Ala  
                                  1330                      1335                      1340  
 Asn Leu Asn Ala Leu Asp Arg Tyr Gly Arg Thr Ala Leu Ile Leu Ala  
                                  1345                      1350                      1355  
 Val Cys Cys Gly Ser Ala Ser Ile Val Ser Leu Leu Leu Glu Gln Asn  
                                  1360                      1365                      1370                      1375  
 Ile Asp Val Ser Ser Gln Asp Leu Ser Gly Gln Thr Ala Arg Glu Tyr  
                                  1380                      1385                      1390  
 Ala Val Ser Ser His His His Val Ile Cys Gln Leu Leu Ser Asp Tyr  
                                  1395                      1400                      1405  
 Lys Glu Lys Gln Met Leu Lys Ile Ser Ser Glu Asn Ser Asn Pro Glu  
                                  1410                      1415                      1420  
 Gln Asp Leu Lys Leu Thr Ser Glu Glu Glu Ser Gln Arg Phe Lys Gly  
                                  1425                      1430                      1435                      1440  
 Ser Glu Asn Ser Gln Pro Glu Lys Met Ser Gln Glu Pro Glu Ile Asn  
                                  1445                      1450                      1455  
 Lys Asp Gly Asp Arg Glu Val Glu Glu Glu Met Lys Lys His Glu Ser  
                                  1460                      1465                      1470  
 Asn Asn Val Gly Leu Leu Glu Asn Leu Thr Asn Gly Val Thr Ala Gly  
                                  1475                      1480                      1485  
 Asn Gly Asp Asn Gly Leu Ile Pro Gln Arg Lys Ser Arg Thr Pro Glu  
                                  1490                      1495                      1500  
 Asn Gln Gln Phe Pro Asp Asn Glu Ser Glu Glu Tyr His Arg Ile Cys  
                                  1505                      1510                      1515                      1520  
 Glu Leu Val Ser Asp Tyr Lys Glu Lys Gln Met Pro Lys Tyr Ser Ser  
                                  1525                      1530                      1535  
 Glu Asn Ser Asn Pro Glu Gln Asp Leu Lys Leu Thr Ser Glu Glu Glu  
                                  1540                      1545                      1550  
 Ser Gln Arg Leu Glu Gly Ser Glu Asn Gly Gln Pro Glu Lys Arg Ser  
                                  1555                      1560                      1565  
 Gln Glu Pro Glu Ile Asn Lys Asp Gly Asp Arg Glu Leu Glu Asn Phe  
                                  1570                      1575                      1580  
 Met Ala Ile Glu Glu Met Lys Lys His Gly Ser Thr His Val Gly Phe  
                                  1585                      1590                      1595                      1600  
 Pro Glu Asn Leu Thr Asn Gly Ala Thr Ala Gly Asn Gly Asp Asp Gly  
                                  1605                      1610                      1615  
 Leu Ile Pro Pro Arg Lys Ser Arg Thr Pro Glu Ser Gln Gln Phe Pro  
                                  1620                      1625                      1630  
 Asp Thr Glu Asn Glu Glu Tyr His Ser Asp Glu Gln Asn Asp Thr Gln  
                                  1635                      1640                      1645  
 Lys Gln Phe Cys Glu Glu Gln Asn Thr Gly Ile Leu His Asp Glu Ile  
                                  1650                      1655                      1660  
 Leu Ile His Glu Glu Lys Gln Ile Glu Val Val Glu Lys Met Asn Ser  
                                  1665                      1670                      1675                      1680  
 Glu Leu Ser Leu Ser Cys Lys Lys Glu Lys Asp Ile Leu His Glu Asn  
                                  1685                      1690                      1695  
 Ser Thr Leu Arg Glu Glu Ile Ala Met Leu Arg Leu Glu Leu Asp Thr  
                                  1700                      1705                      1710  
 Met Lys His Gln Ser Gln Leu  
                                  1715



<210> 379  
 <211> 656  
 <212> PRT  
 <213> Homo sapien

<400> 379

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Met Val Val Glu Val Asp Ser Met Pro Ala Ala Ser Ser Val Lys Lys
1      5      10      15
Pro Phe Gly Leu Arg Ser Lys Met Gly Lys Trp Cys Cys Arg Cys Phe
20     25     30
Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly Thr Ser Gly Asp
35     40     45
His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys Met Gly Lys Trp
50     55     60
Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Val
65     70     75     80
Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Asn
85     90     95
Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser
100    105    110
Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe
115    120    125
Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu Asp Lys Leu His
130    135    140
Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met
145    150    155    160
Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Gln Lys Arg Thr Ala
165    170    175
Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Lys Leu Leu
180    185    190
Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn Lys Arg Thr
195    200    205
Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Glu Cys Ala Leu Met
210    215    220
Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp Glu Tyr Gly Asn
225    230    235    240
Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met Ala Lys
245    250    255
Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys His Gly
260    265    270
Leu Thr Pro Leu Leu Leu Gly Val His Glu Gln Lys Gln Gln Val Val
275    280    285
Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr
290    295    300
Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile
305    310    315    320
Val Ser Leu Leu Leu Glu Gln Asn Ile Asp Val Ser Ser Gln Asp Leu
325    330    335
Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser His His Val
340    345    350
Ile Cys Gln Leu Leu Ser Asp Tyr Lys Glu Lys Gln Met Leu Lys Ile
355    360    365
Ser Ser Glu Asn Ser Asn Pro Glu Gln Asp Leu Lys Leu Thr Ser Glu
370    375    380
Glu Glu Ser Gln Arg Phe Lys Gly Ser Glu Asn Ser Gln Pro Glu Lys
385    390    395    400
Met Ser Gln Glu Pro Glu Ile Asn Lys Asp Gly Asp Arg Glu Val Glu
405    410    415
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Glu Glu Met Lys Lys His Glu Ser Asn Asn Val Gly Leu Leu Glu Asn  
 420 425 430  
 Leu Thr Asn Gly Val Thr Ala Gly Asn Gly Asp Asn Gly Leu Ile Pro  
 435 440 445  
 Gln Arg Lys Ser Arg Thr Pro Glu Asn Gln Gln Phe Pro Asp Asn Glu  
 450 455 460  
 Ser Glu Glu Tyr His Arg Ile Cys Glu Leu Val Ser Asp Tyr Lys Glu  
 465 470 475 480  
 Lys Gln Met Pro Lys Tyr Ser Ser Glu Asn Ser Asn Pro Glu Gln Asp  
 485 490 495  
 Leu Lys Leu Thr Ser Glu Glu Glu Ser Gln Arg Leu Glu Gly Ser Glu  
 500 505 510  
 Asn Gly Gln Pro Glu Leu Glu Asn Phe Met Ala Ile Glu Glu Met Lys  
 515 520 525  
 Lys His Gly Ser Thr His Val Gly Phe Pro Glu Asn Leu Thr Asn Gly  
 530 535 540  
 Ala Thr Ala Gly Asn Gly Asp Asp Gly Leu Ile Pro Pro Arg Lys Ser  
 545 550 555 560  
 Arg Thr Pro Glu Ser Gln Gln Phe Pro Asp Thr Glu Asn Glu Glu Tyr  
 565 570 575  
 His Ser Asp Glu Gln Asn Asp Thr Gln Lys Gln Phe Cys Glu Glu Gln  
 580 585 590  
 Asn Thr Gly Ile Leu His Asp Glu Ile Leu Ile His Glu Glu Lys Gln  
 595 600 605  
 Ile Glu Val Val Glu Lys Met Asn Ser Glu Leu Ser Leu Ser Cys Lys  
 610 615 620  
 Lys Glu Lys Asp Ile Leu His Glu Asn Ser Thr Leu Arg Glu Glu Ile  
 625 630 635 640  
 Ala Met Leu Arg Leu Glu Leu Asp Thr Met Lys His Gln Ser Gln Leu  
 645 650 655

&lt;210&gt; 380

&lt;211&gt; 671

&lt;212&gt; PRT

&lt;213&gt; Homo sapien

&lt;400&gt; 380

Met Val Val Glu Val Asp Ser Met Pro Ala Ala Ser Ser Val Lys Lys  
 1 5 10 15  
 Pro Phe Gly Leu Arg Ser Lys Met Gly Lys Trp Cys Cys Arg Cys Phe  
 20 25 30  
 Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly Thr Ser Gly Asp  
 35 40 45  
 His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys Met Gly Lys Trp  
 50 55 60  
 Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Val  
 65 70 75 80  
 Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Asn  
 85 90 95  
 Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser  
 100 105 110  
 Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe  
 115 120 125  
 Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu Asp Lys Leu His  
 130 135 140  
 Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met  
 145 150 155 160  
 Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Gln Lys Arg Thr Ala